# Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101317\
Data File : BF099439.D
Acq On : 13 Oct 2017 14:58
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Oct 13 17:40:39 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 13 17:40:59 2017
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 | 65 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 39.667 | 0.8 | 63 | 0.00 |
| 3 | | Pyridine | 40.000 | 37.293 | 6.8 | 61 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 34.759 | 13.1 | 56 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 83.141 | -3.9 | 67 | 0.00 |
| 6 | | Aniline | 40.000 | 39.927 | 0.2 | 65 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 81.994 | -2.5 | 66 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 42.049 | -5.1 | 69 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 35.522 | 11.2 | 59 | 0.00 |
| 10 | C | Phenol | 40.000 | 43.461 | -8.7 | 71 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 40.883 | -2.2 | 67 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 42.405 | -6.0 | 69 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 41.898 | -4.7 | 69 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 42.040 | -5.1 | 68 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 37.665 | 5.8 | 61 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 36.426 | 8.9 | 60 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 40.899 | -2.2 | 67 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 40.859 | -2.1 | 67 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 36.501 | 8.7 | 62 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 38.094 | 4.8 | 62 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 64 | 0.00 |
| 22 | | Acetophenone | 40.000 | 38.042 | 4.9 | 63 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 82.066 | -2.6 | 65 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 40.509 | -1.3 | 65 | 0.00 |
| 25 | | Isophorone | 40.000 | 39.370 | 1.6 | 65 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 47.739 | -19.3 | 74 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 38.840 | 2.9 | 64 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 40.858 | -2.1 | 68 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 42.891 | -7.2 | 70 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 42.484 | -6.2 | 69 | 0.00 |
| 31 | | Naphthalene | 40.000 | 41.367 | -3.4 | 69 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 36.321 | 9.2 | 56 | 0.01 |
| 33 | | 4-Chloroaniline | 40.000 | 42.058 | -5.1 | 69 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 41.774 | -4.4 | 69 | 0.00 |
| 35 | | Caprolactam | 40.000 | 42.197 | -5.5 | 70 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 40.972 | -2.4 | 67 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 41.488 | -3.7 | 68 | 0.00 |
| 38 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 64 | 0.00 |
| 39 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 43.226 | -8.1 | 71 | 0.00 |
| 40 | P | Hexachlorocyclopentadiene | 40.000 | 40.152 | -0.4 | 63 | 0.00 |
| 41 | S | 2,4,6-Tribromophenol | 80.000 | 88.445 | -10.6 | 69 | 0.00 |
| 42 | C | 2,4,6-Trichlorophenol | 40.000 | 40.273 | -0.7 | 65 | 0.00 |
| 43 | | 2,4,5-Trichlorophenol | 40.000 | 42.505 | -6.3 | 68 | 0.00 |
| 44 | S | 2-Fluorobiphenyl | 80.000 | 87.374 | -9.2 | 70 | 0.00 |

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|---|---|---|---|---|---|---|---|
| 45 | | 1,1'-Biphenyl | 40.000 | 41.966 | -4.9 | 69 | 0.00 |
| 46 | | 2-Chloronaphthalene | 40.000 | 42.812 | -7.0 | 70 | 0.00 |
| 47 | | 2-Nitroaniline | 40.000 | 40.324 | -0.8 | 63 | 0.00 |
| 48 | | Acenaphthylene | 40.000 | 42.186 | -5.5 | 69 | 0.00 |
| 49 | | Dimethylphthalate | 40.000 | 42.680 | -6.7 | 70 | 0.00 |
| 50 | | 2,6-Dinitrotoluene | 40.000 | 44.116 | -10.3 | 69 | 0.00 |
| 51 | C | Acenaphthene | 40.000 | 39.157 | 2.1 | 64 | 0.00 |
| 52 | | 3-Nitroaniline | 40.000 | 44.782 | -12.0 | 69 | 0.00 |
| 53 | P | 2,4-Dinitrophenol | 40.000 | 38.503 | 3.7 | 63 | 0.00 |
| 54 | | Dibenzofuran | 40.000 | 41.259 | -3.1 | 68 | 0.00 |
| 55 | P | 4-Nitrophenol | 40.000 | 37.725 | 5.7 | 59 | 0.00 |
| 56 | | 2,4-Dinitrotoluene | 40.000 | 43.348 | -8.4 | 68 | 0.00 |
| 57 | | Fluorene | 40.000 | 43.190 | -8.0 | 71 | 0.00 |
| 58 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 40.508 | -1.3 | 65 | 0.00 |
| 59 | | Diethylphthalate | 40.000 | 40.948 | -2.4 | 67 | 0.00 |
| 60 | | 4-Chlorophenyl-phenylether | 40.000 | 42.036 | -5.1 | 69 | 0.00 |
| 61 | | 4-Nitroaniline | 40.000 | 46.167 | -15.4 | 72 | 0.00 |
| 62 | | Azobenzene | 40.000 | 38.918 | 2.7 | 64 | 0.00 |
| 63 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 64 | 0.00 |
| 64 | | 4,6-Dinitro-2-methylphenol | 40.000 | 46.539 | -16.3 | 74 | 0.00 |
| 65 | c | n-Nitrosodiphenylamine | 40.000 | 41.390 | -3.5 | 69 | 0.00 |
| 66 | | 4-Bromophenyl-phenylether | 40.000 | 42.764 | -6.9 | 70 | 0.00 |
| 67 | | Hexachlorobenzene | 40.000 | 42.752 | -6.9 | 70 | 0.00 |
| 68 | | Atrazine | 40.000 | 41.458 | -3.6 | 67 | 0.00 |
| 69 | C | Pentachlorophenol | 40.000 | 35.786 | 10.5 | 55 | 0.00 |
| 70 | | Phenanthrene | 40.000 | 41.509 | -3.8 | 69 | 0.00 |
| 71 | | Anthracene | 40.000 | 41.902 | -4.8 | 69 | 0.00 |
| 72 | | Carbazole | 40.000 | 42.004 | -5.0 | 69 | 0.00 |
| 73 | | Di-n-butylphthalate | 40.000 | 40.580 | -1.4 | 66 | 0.00 |
| 74 | C | Fluoranthene | 40.000 | 41.581 | -4.0 | 69 | 0.00 |
| 75 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 63 | 0.00 |
| 76 | | Benzidine | 40.000 | 43.416 | -8.5 | 69 | 0.00 |
| 77 | | Pyrene | 40.000 | 42.741 | -6.9 | 69 | 0.00 |
| 78 | S | Terphenyl-d14 | 80.000 | 85.849 | -7.3 | 69 | 0.00 |
| 79 | | Butylbenzylphthalate | 40.000 | 42.657 | -6.6 | 67 | 0.00 |
| 80 | | Benzo(a)anthracene | 40.000 | 42.006 | -5.0 | 68 | 0.00 |
| 81 | | 3,3'-Dichlorobenzidine | 40.000 | 42.026 | -5.1 | 67 | 0.00 |
| 82 | | Chrysene | 40.000 | 42.372 | -5.9 | 69 | 0.00 |
| 83 | | Bis(2-ethylhexyl)phthalate | 40.000 | 41.369 | -3.4 | 65 | 0.00 |
| 84 | c | Di-n-octyl phthalate | 40.000 | 41.420 | -3.6 | 67 | 0.00 |
| 85 | | Indeno(1,2,3-cd)pyrene | 40.000 | 38.723 | 3.2 | 67 | 0.02 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 64 | 0.01 |
| 87 | | Benzo(b)fluoranthene | 40.000 | 41.343 | -3.4 | 65 | 0.01 |

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|---|---|---|---|---|---|---|
| 88 | Benzo(k)fluoranthene | 40.000 | 42.562 | -6.4 | 69 | 0.01 |
| 89 C | Benzo(a)pyrene | 40.000 | 42.045 | -5.1 | 68 | 0.01 |
| 90 | Dibenzo(a,h)anthracene | 40.000 | 40.757 | -1.9 | 67 | 0.02 |
| 91 | Benzo(g,h,i)perylene | 40.000 | 42.068 | -5.2 | 69 | 0.02 |

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