# Evaluate Continuing Calibration Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110917\
Data File : BF100332.D
Acq On : 9 Nov 2017 10:39
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Nov 09 16:04:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 16:04:38 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 | 94 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 40.283 | -0.7 | 95 | 0.00 |
| 3 | | Pyridine | 40.000 | 41.285 | -3.2 | 94 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 39.788 | 0.5 | 91 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 79.860 | 0.2 | 95 | 0.00 |
| 6 | | Aniline | 40.000 | 40.356 | -0.9 | 94 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 80.654 | -0.8 | 95 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 40.903 | -2.3 | 97 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 39.774 | 0.6 | 94 | 0.00 |
| 10 | C | Phenol | 40.000 | 40.603 | -1.5 | 97 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 40.674 | -1.7 | 96 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 40.135 | -0.3 | 95 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 39.835 | 0.4 | 95 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 40.043 | -0.1 | 95 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 41.320 | -3.3 | 95 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 41.332 | -3.3 | 97 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 40.656 | -1.6 | 96 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 42.325 | -5.8 | 98 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 39.822 | 0.4 | 95 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 39.859 | 0.4 | 93 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 94 | 0.00 |
| 22 | | Acetophenone | 40.000 | 38.515 | 3.7 | 93 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 90.892 | -13.6 | 103 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 45.069 | -12.7 | 98 | 0.00 |
| 25 | | Isophorone | 40.000 | 40.218 | -0.5 | 94 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 47.858 | -19.6 | 115 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 41.805 | -4.5 | 96 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 40.602 | -1.5 | 96 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 41.642 | -4.1 | 94 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 40.294 | -0.7 | 95 | 0.00 |
| 31 | | Naphthalene | 40.000 | 39.458 | 1.4 | 94 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 46.284 | -15.7 | 121 | 0.00 |
| 33 | | 4-Chloroaniline | 40.000 | 40.370 | -0.9 | 94 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 40.784 | -2.0 | 96 | 0.00 |
| 35 | | Caprolactam | 40.000 | 39.087 | 2.3 | 91 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 40.352 | -0.9 | 92 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 39.247 | 1.9 | 93 | 0.00 |
| 38 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 90 | 0.00 |
| 39 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 41.064 | -2.7 | 93 | 0.00 |
| 40 | P | Hexachlorocyclopentadiene | 40.000 | 48.797 | -22.0 | 103 | 0.00 |
| 41 | S | 2,4,6-Tribromophenol | 80.000 | 85.370 | -6.7 | 93 | 0.00 |
| 42 | C | 2,4,6-Trichlorophenol | 40.000 | 43.262 | -8.2 | 94 | 0.00 |
| 43 | | 2,4,5-Trichlorophenol | 40.000 | 43.469 | -8.7 | 96 | 0.00 |
| 44 | S | 2-Fluorobiphenyl | 80.000 | 78.458 | 1.9 | 92 | 0.00 |

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| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 45 | | 1,1'-Biphenyl | 40.000 | 39.968 | 0.1 | 93 | 0.00 |
| 46 | | 2-Chloronaphthalene | 40.000 | 41.013 | -2.5 | 93 | 0.00 |
| 47 | | 2-Nitroaniline | 40.000 | 45.679 | -14.2 | 103 | 0.00 |
| 48 | | Acenaphthylene | 40.000 | 40.138 | -0.3 | 92 | 0.00 |
| 49 | | Dimethylphthalate | 40.000 | 39.629 | 0.9 | 92 | 0.00 |
| 50 | | 2,6-Dinitrotoluene | 40.000 | 44.068 | -10.2 | 96 | 0.00 |
| 51 | C | Acenaphthene | 40.000 | 40.881 | -2.2 | 95 | 0.00 |
| 52 | | 3-Nitroaniline | 40.000 | 42.687 | -6.7 | 94 | 0.00 |
| 53 | P | 2,4-Dinitrophenol | 40.000 | 54.695 | -36.7# | 151 | 0.00 |
| 54 | | Dibenzofuran | 40.000 | 39.716 | 0.7 | 91 | 0.00 |
| 55 | P | 4-Nitrophenol | 40.000 | 43.691 | -9.2 | 95 | 0.00 |
| 56 | | 2,4-Dinitrotoluene | 40.000 | 45.976 | -14.9 | 98 | 0.00 |
| 57 | | Fluorene | 40.000 | 39.791 | 0.5 | 90 | 0.00 |
| 58 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 42.134 | -5.3 | 92 | 0.00 |
| 59 | | Diethylphthalate | 40.000 | 39.642 | 0.9 | 92 | 0.00 |
| 60 | | 4-Chlorophenyl-phenylether | 40.000 | 40.280 | -0.7 | 91 | 0.00 |
| 61 | | 4-Nitroaniline | 40.000 | 44.019 | -10.0 | 95 | 0.00 |
| 62 | | Azobenzene | 40.000 | 40.100 | -0.3 | 93 | 0.00 |
| 63 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 88 | 0.00 |
| 64 | | 4,6-Dinitro-2-methylphenol | 40.000 | 51.535 | -28.8# | 125 | 0.00 |
| 65 | c | n-Nitrosodiphenylamine | 40.000 | 40.843 | -2.1 | 90 | 0.00 |
| 66 | | 4-Bromophenyl-phenylether | 40.000 | 41.951 | -4.9 | 92 | 0.00 |
| 67 | | Hexachlorobenzene | 40.000 | 41.491 | -3.7 | 91 | 0.00 |
| 68 | | Atrazine | 40.000 | 41.356 | -3.4 | 89 | 0.00 |
| 69 | C | Pentachlorophenol | 40.000 | 44.380 | -11.0 | 95 | 0.00 |
| 70 | | Phenanthrene | 40.000 | 39.568 | 1.1 | 91 | 0.00 |
| 71 | | Anthracene | 40.000 | 39.272 | 1.8 | 89 | 0.00 |
| 72 | | Carbazole | 40.000 | 39.478 | 1.3 | 89 | 0.00 |
| 73 | | Di-n-butylphthalate | 40.000 | 41.773 | -4.4 | 93 | 0.00 |
| 74 | C | Fluoranthene | 40.000 | 39.007 | 2.5 | 89 | 0.00 |
| 75 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 87 | 0.00 |
| 76 | | Benzidine | 40.000 | 32.693 | 18.3 | 66 | 0.00 |
| 77 | | Pyrene | 40.000 | 40.130 | -0.3 | 88 | 0.00 |
| 78 | S | Terphenyl-d14 | 80.000 | 78.428 | 2.0 | 90 | 0.00 |
| 79 | | Butylbenzylphthalate | 40.000 | 44.816 | -12.0 | 95 | 0.00 |
| 80 | | Benzo(a)anthracene | 40.000 | 40.852 | -2.1 | 89 | 0.00 |
| 81 | | 3,3'-Dichlorobenzidine | 40.000 | 42.778 | -6.9 | 88 | 0.00 |
| 82 | | Chrysene | 40.000 | 40.289 | -0.7 | 89 | 0.00 |
| 83 | | Bis(2-ethylhexyl)phthalate | 40.000 | 45.663 | -14.2 | 94 | 0.00 |
| 84 | c | Di-n-octyl phthalate | 40.000 | 44.472 | -11.2 | 92 | 0.00 |
| 85 | | Indeno(1,2,3-cd)pyrene | 40.000 | 38.521 | 3.7 | 86 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 85 | 0.00 |
| 87 | | Benzo(b)fluoranthene | 40.000 | 42.611 | -6.5 | 92 | 0.00 |

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|---|---|---|---|---|---|---|
| 88 | Benzo(k)fluoranthene | 40.000 | 39.829 | 0.4 | 81 | 0.00 |
| 89 C | Benzo(a)pyrene | 40.000 | 41.194 | -3.0 | 86 | 0.00 |
| 90 | Dibenzo(a,h)anthracene | 40.000 | 40.405 | -1.0 | 87 | 0.00 |
| 91 | Benzo(g,h,i)perylene | 40.000 | 40.234 | -0.6 | 88 | 0.00 |

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