# Evaluate Continuing Calibration Report

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA F\Data\BF101217\
Data File : BF099387.D
Acq On : 12 Oct 2017 11:13
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Oct 12 16:21:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 16:21:36 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 | 66 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 40.569 | -1.4 | 66 | 0.01 |
| 3 | | Pyridine | 40.000 | 39.793 | 0.5 | 67 | 0.02 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 35.142 | 12.1 | 58 | 0.01 |
| 5 | S | 2-Fluorophenol | 80.000 | 84.789 | -6.0 | 70 | 0.00 |
| 6 | | Aniline | 40.000 | 39.865 | 0.3 | 66 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 82.634 | -3.3 | 68 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 41.520 | -3.8 | 70 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 35.599 | 11.0 | 60 | 0.00 |
| 10 | C | Phenol | 40.000 | 43.285 | -8.2 | 72 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 40.366 | -0.9 | 68 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 42.631 | -6.6 | 72 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 42.152 | -5.4 | 71 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 42.456 | -6.1 | 71 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 36.972 | 7.6 | 61 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 36.004 | 10.0 | 61 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 40.526 | -1.3 | 68 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 39.879 | 0.3 | 67 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 35.491 | 11.3 | 62 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 38.263 | 4.3 | 64 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 65 | 0.00 |
| 22 | | Acetophenone | 40.000 | 38.196 | 4.5 | 64 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 81.254 | -1.6 | 65 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 39.718 | 0.7 | 65 | 0.00 |
| 25 | | Isophorone | 40.000 | 38.197 | 4.5 | 64 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 46.984 | -17.5 | 74 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 38.561 | 3.6 | 64 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 39.998 | 0.0 | 67 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 42.473 | -6.2 | 70 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 42.807 | -7.0 | 71 | 0.00 |
| 31 | | Naphthalene | 40.000 | 41.562 | -3.9 | 70 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 32.131 | 19.7 | 50 | 0.01 |
| 33 | | 4-Chloroaniline | 40.000 | 41.832 | -4.6 | 69 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 41.929 | -4.8 | 70 | 0.00 |
| 35 | | Caprolactam | 40.000 | 39.956 | 0.1 | 67 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 40.065 | -0.2 | 66 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 41.406 | -3.5 | 69 | 0.00 |
| 38 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 64 | 0.00 |
| 39 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 43.481 | -8.7 | 71 | 0.00 |
| 40 | P | Hexachlorocyclopentadiene | 40.000 | 35.117 | 12.2 | 55 | 0.00 |
| 41 | S | 2,4,6-Tribromophenol | 80.000 | 86.290 | -7.9 | 67 | 0.00 |
| 42 | C | 2,4,6-Trichlorophenol | 40.000 | 40.522 | -1.3 | 66 | 0.00 |
| 43 | | 2,4,5-Trichlorophenol | 40.000 | 41.853 | -4.6 | 67 | 0.00 |
| 44 | S | 2-Fluorobiphenyl | 80.000 | 87.157 | -8.9 | 70 | 0.00 |

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| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 45 | | 1,1'-Biphenyl | 40.000 | 42.323 | -5.8 | 69 | 0.00 |
| 46 | | 2-Chloronaphthalene | 40.000 | 42.405 | -6.0 | 70 | 0.00 |
| 47 | | 2-Nitroaniline | 40.000 | 39.475 | 1.3 | 62 | 0.00 |
| 48 | | Acenaphthylene | 40.000 | 41.495 | -3.7 | 68 | 0.00 |
| 49 | | Dimethylphthalate | 40.000 | 41.571 | -3.9 | 69 | 0.00 |
| 50 | | 2,6-Dinitrotoluene | 40.000 | 43.166 | -7.9 | 68 | 0.00 |
| 51 | C | Acenaphthene | 40.000 | 38.683 | 3.3 | 63 | 0.00 |
| 52 | | 3-Nitroaniline | 40.000 | 43.151 | -7.9 | 67 | 0.00 |
| 53 | P | 2,4-Dinitrophenol | 40.000 | 33.095 | 17.3 | 52 | 0.00 |
| 54 | | Dibenzofuran | 40.000 | 40.774 | -1.9 | 67 | 0.00 |
| 55 | P | 4-Nitrophenol | 40.000 | 32.429 | 18.9 | 51 | 0.00 |
| 56 | | 2,4-Dinitrotoluene | 40.000 | 42.579 | -6.4 | 66 | 0.00 |
| 57 | | Fluorene | 40.000 | 42.234 | -5.6 | 70 | 0.00 |
| 58 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 39.975 | 0.1 | 64 | 0.00 |
| 59 | | Diethylphthalate | 40.000 | 39.902 | 0.2 | 65 | 0.00 |
| 60 | | 4-Chlorophenyl-phenylether | 40.000 | 42.191 | -5.5 | 69 | 0.00 |
| 61 | | 4-Nitroaniline | 40.000 | 44.214 | -10.5 | 69 | 0.00 |
| 62 | | Azobenzene | 40.000 | 37.690 | 5.8 | 62 | 0.00 |
| 63 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 63 | 0.00 |
| 64 | | 4,6-Dinitro-2-methylphenol | 40.000 | 42.957 | -7.4 | 67 | 0.00 |
| 65 | c | n-Nitrosodiphenylamine | 40.000 | 41.402 | -3.5 | 68 | 0.00 |
| 66 | | 4-Bromophenyl-phenylether | 40.000 | 41.500 | -3.8 | 67 | 0.00 |
| 67 | | Hexachlorobenzene | 40.000 | 42.362 | -5.9 | 69 | 0.00 |
| 68 | | Atrazine | 40.000 | 39.818 | 0.5 | 64 | 0.00 |
| 69 | C | Pentachlorophenol | 40.000 | 38.578 | 3.6 | 59 | 0.00 |
| 70 | | Phenanthrene | 40.000 | 40.986 | -2.5 | 68 | 0.00 |
| 71 | | Anthracene | 40.000 | 41.285 | -3.2 | 67 | 0.00 |
| 72 | | Carbazole | 40.000 | 40.520 | -1.3 | 65 | 0.00 |
| 73 | | Di-n-butylphthalate | 40.000 | 39.750 | 0.6 | 64 | 0.00 |
| 74 | C | Fluoranthene | 40.000 | 40.221 | -0.6 | 66 | 0.00 |
| 75 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 57 | 0.00 |
| 76 | | Benzidine | 40.000 | 41.292 | -3.2 | 60 | 0.00 |
| 77 | | Pyrene | 40.000 | 44.788 | -12.0 | 66 | 0.00 |
| 78 | S | Terphenyl-d14 | 80.000 | 90.087 | -12.6 | 66 | 0.00 |
| 79 | | Butylbenzylphthalate | 40.000 | 42.877 | -7.2 | 61 | 0.00 |
| 80 | | Benzo(a)anthracene | 40.000 | 42.163 | -5.4 | 62 | 0.00 |
| 81 | | 3,3'-Dichlorobenzidine | 40.000 | 41.102 | -2.8 | 59 | 0.00 |
| 82 | | Chrysene | 40.000 | 42.313 | -5.8 | 63 | 0.00 |
| 83 | | Bis(2-ethylhexyl)phthalate | 40.000 | 41.848 | -4.6 | 60 | 0.00 |
| 84 | c | Di-n-octyl phthalate | 40.000 | 40.208 | -0.5 | 60 | 0.00 |
| 85 | | Indeno(1,2,3-cd)pyrene | 40.000 | 45.128 | -12.8 | 72 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 60 | 0.00 |
| 87 | | Benzo(b)fluoranthene | 40.000 | 42.308 | -5.8 | 62 | 0.00 |

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| | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|
| 88 | Benzo(k)fluoranthene | 40.000 | 40.905 | -2.3 | 62 | 0.00 |
| 89 C | Benzo(a)pyrene | 40.000 | 42.230 | -5.6 | 64 | 0.00 |
| 90 | Dibenzo(a,h)anthracene | 40.000 | 45.390 | -13.5 | 70 | 0.00 |
| 91 | Benzo(g,h,i)perylene | 40.000 | 47.648 | -19.1 | 74 | 0.01 |

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