# Evaluate Continuing Calibration Report

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA F\Data\BF090117\
Data File : BF098214.D
Acq On : 1 Sep 2017 9:28
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Sep 01 13:35:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 01 12:59:02 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 | 83 | -0.03 |
| 2 | | 1,4-Dioxane | 40.000 | 39.990 | 0.0 | 84 | -0.06 |
| 3 | | Pyridine | 40.000 | 40.037 | -0.1 | 83 | -0.05 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 37.424 | 6.4 | 75 | -0.06 |
| 5 | S | 2-Fluorophenol | 80.000 | 80.614 | -0.8 | 84 | -0.02 |
| 6 | | Aniline | 40.000 | 37.779 | 5.6 | 79 | -0.03 |
| 7 | S | Phenol-d6 | 80.000 | 81.419 | -1.8 | 85 | -0.02 |
| 8 | | 2-Chlorophenol | 40.000 | 41.441 | -3.6 | 85 | -0.02 |
| 9 | | Benzaldehyde | 40.000 | 37.094 | 7.3 | 76 | -0.03 |
| 10 | C | Phenol | 40.000 | 39.591 | 1.0 | 79 | -0.02 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 39.735 | 0.7 | 83 | -0.03 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 40.194 | -0.5 | 84 | -0.04 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 39.973 | 0.1 | 83 | -0.03 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 40.217 | -0.5 | 84 | -0.03 |
| 15 | | Benzyl Alcohol | 40.000 | 37.225 | 6.9 | 76 | -0.02 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 37.164 | 7.1 | 77 | -0.03 |
| 17 | | 2-Methylphenol | 40.000 | 39.335 | 1.7 | 81 | -0.02 |
| 18 | | Hexachloroethane | 40.000 | 40.171 | -0.4 | 82 | -0.04 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 36.646 | 8.4 | 76 | -0.03 |
| 20 | | 3+4-Methylphenols | 40.000 | 40.264 | -0.7 | 83 | -0.02 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 83 | -0.03 |
| 22 | | Acetophenone | 40.000 | 38.721 | 3.2 | 82 | -0.02 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 88.132 | -10.2 | 88 | -0.03 |
| 24 | | Nitrobenzene | 40.000 | 43.119 | -7.8 | 83 | -0.03 |
| 25 | | Isophorone | 40.000 | 38.777 | 3.1 | 80 | -0.03 |
| 26 | C | 2-Nitrophenol | 40.000 | 48.996 | -22.5# | 105 | -0.03 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 40.050 | -0.1 | 84 | -0.02 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 39.513 | 1.2 | 82 | -0.02 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 42.061 | -5.2 | 85 | -0.02 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 39.716 | 0.7 | 83 | -0.03 |
| 31 | | Naphthalene | 40.000 | 39.780 | 0.5 | 83 | -0.03 |
| 32 | | Benzoic acid | 40.000 | 31.469 | 21.3 | 66 | -0.03 |
| 33 | | 4-Chloroaniline | 40.000 | 40.349 | -0.9 | 85 | -0.02 |
| 34 | C | Hexachlorobutadiene | 40.000 | 39.926 | 0.2 | 83 | -0.03 |
| 35 | | Caprolactam | 40.000 | 42.006 | -5.0 | 84 | -0.02 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 40.578 | -1.4 | 82 | -0.02 |
| 37 | | 2-Methylnaphthalene | 40.000 | 40.261 | -0.7 | 84 | -0.03 |
| 38 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 83 | -0.03 |
| 39 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 40.370 | -0.9 | 85 | -0.03 |
| 40 | P | Hexachlorocyclopentadiene | 40.000 | 35.923 | 10.2 | 70 | -0.03 |
| 41 | S | 2,4,6-Tribromophenol | 80.000 | 85.050 | -6.3 | 85 | -0.03 |
| 42 | C | 2,4,6-Trichlorophenol | 40.000 | 40.910 | -2.3 | 83 | -0.02 |
| 43 | | 2,4,5-Trichlorophenol | 40.000 | 41.100 | -2.8 | 83 | -0.02 |
| 44 | S | 2-Fluorobiphenyl | 80.000 | 77.423 | 3.2 | 84 | -0.03 |

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| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 45 | | 1,1'-Biphenyl | 40.000 | 39.744 | 0.6 | 84 | -0.03 |
| 46 | | 2-Chloronaphthalene | 40.000 | 39.710 | 0.7 | 84 | -0.03 |
| 47 | | 2-Nitroaniline | 40.000 | 46.617 | -16.5 | 92 | -0.02 |
| 48 | | Acenaphthylene | 40.000 | 39.747 | 0.6 | 83 | -0.03 |
| 49 | | Dimethylphthalate | 40.000 | 40.029 | -0.1 | 83 | -0.03 |
| 50 | | 2,6-Dinitrotoluene | 40.000 | 43.649 | -9.1 | 87 | -0.02 |
| 51 | C | Acenaphthene | 40.000 | 37.570 | 6.1 | 79 | -0.03 |
| 52 | | 3-Nitroaniline | 40.000 | 45.441 | -13.6 | 92 | -0.02 |
| 53 | P | 2,4-Dinitrophenol | 40.000 | 44.796 | -12.0 | 105 | -0.02 |
| 54 | | Dibenzofuran | 40.000 | 38.542 | 3.6 | 81 | -0.03 |
| 55 | P | 4-Nitrophenol | 40.000 | 33.382 | 16.5 | 66 | -0.01 |
| 56 | | 2,4-Dinitrotoluene | 40.000 | 44.737 | -11.8 | 88 | -0.02 |
| 57 | | Fluorene | 40.000 | 40.347 | -0.9 | 86 | -0.03 |
| 58 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 39.110 | 2.2 | 80 | -0.03 |
| 59 | | Diethylphthalate | 40.000 | 41.630 | -4.1 | 86 | -0.03 |
| 60 | | 4-Chlorophenyl-phenylether | 40.000 | 40.559 | -1.4 | 86 | -0.03 |
| 61 | | 4-Nitroaniline | 40.000 | 47.251 | -18.1 | 95 | -0.02 |
| 62 | | Azobenzene | 40.000 | 37.308 | 6.7 | 77 | -0.03 |
| 63 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 83 | -0.02 |
| 64 | | 4,6-Dinitro-2-methylphenol | 40.000 | 47.484 | -18.7 | 110 | -0.02 |
| 65 | c | n-Nitrosodiphenylamine | 40.000 | 39.225 | 1.9 | 83 | -0.03 |
| 66 | | 4-Bromophenyl-phenylether | 40.000 | 39.967 | 0.1 | 83 | -0.03 |
| 67 | | Hexachlorobenzene | 40.000 | 40.363 | -0.9 | 85 | -0.03 |
| 68 | | Atrazine | 40.000 | 36.558 | 8.6 | 77 | -0.02 |
| 69 | C | Pentachlorophenol | 40.000 | 40.225 | -0.6 | 79 | -0.02 |
| 70 | | Phenanthrene | 40.000 | 39.472 | 1.3 | 84 | -0.03 |
| 71 | | Anthracene | 40.000 | 39.706 | 0.7 | 85 | -0.03 |
| 72 | | Carbazole | 40.000 | 39.557 | 1.1 | 85 | -0.02 |
| 73 | | Di-n-butylphthalate | 40.000 | 41.566 | -3.9 | 86 | -0.03 |
| 74 | C | Fluoranthene | 40.000 | 39.785 | 0.5 | 84 | -0.03 |
| 75 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 90 | -0.02 |
| 76 | | Benzidine | 40.000 | 30.196 | 24.5 | 71 | -0.02 |
| 77 | | Pyrene | 40.000 | 38.208 | 4.5 | 85 | -0.03 |
| 78 | S | Terphenyl-d14 | 80.000 | 75.599 | 5.5 | 86 | -0.03 |
| 79 | | Butylbenzylphthalate | 40.000 | 42.384 | -6.0 | 92 | -0.03 |
| 80 | | Benzo(a)anthracene | 40.000 | 36.626 | 8.4 | 83 | -0.02 |
| 81 | | 3,3'-Dichlorobenzidine | 40.000 | 41.143 | -2.9 | 88 | -0.02 |
| 82 | | Chrysene | 40.000 | 36.990 | 7.5 | 84 | -0.03 |
| 83 | | Bis(2-ethylhexyl)phthalate | 40.000 | 48.180 | -20.4 | 100 | -0.03 |
| 84 | c | Di-n-octyl phthalate | 40.000 | 47.431 | -18.6 | 100 | -0.03 |
| 85 | | Indeno(1,2,3-cd)pyrene | 40.000 | 44.979 | -12.4 | 103 | -0.03 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 94 | -0.03 |
| 87 | | Benzo(b)fluoranthene | 40.000 | 40.192 | -0.5 | 93 | -0.03 |

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|---|---|---|---|---|---|---|
| 88 | Benzo(k)fluoranthene | 40.000 | 36.101 | 9.7 | 83 | -0.03 |
| 89 C | Benzo(a)pyrene | 40.000 | 40.021 | -0.1 | 92 | -0.03 |
| 90 | Dibenzo(a,h)anthracene | 40.000 | 46.258 | -15.6 | 106 | -0.04 |
| 91 | Benzo(g,h,i)perylene | 40.000 | 45.322 | -13.3 | 104 | -0.04 |

(#) = Out of Range SPCC's out = 0 CCC's out = 1