# Evaluate Continuing Calibration Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
Data File : BG043419.D
Acq On : 31 Oct 2019 3:02
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_G
**LabSampleId :** SSTDCCC040

Quant Time: Oct 31 03:49:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
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 | 127 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 41.904 | -4.8 | 127 | 0.00 |
| 3 | | Pyridine | 40.000 | 46.855 | -17.1 | 127 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 43.885 | -9.7 | 134 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 86.975 | -8.7 | 132 | 0.00 |
| 6 | | Aniline | 40.000 | 43.919 | -9.8 | 131 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 88.016 | -10.0 | 133 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 41.881 | -4.7 | 128 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 46.467 | -16.2 | 146 | 0.00 |
| 10 | C | Phenol | 40.000 | 42.508 | -6.3 | 127 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 41.544 | -3.9 | 125 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 41.669 | -4.2 | 128 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 42.168 | -5.4 | 129 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 41.215 | -3.0 | 126 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 44.694 | -11.7 | 132 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 41.843 | -4.6 | 125 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 43.040 | -7.6 | 134 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 41.271 | -3.2 | 126 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 41.599 | -4.0 | 127 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 43.576 | -8.9 | 134 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 128 | 0.00 |
| 22 | | Acetophenone | 40.000 | 41.326 | -3.3 | 125 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 82.290 | -2.9 | 128 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 41.317 | -3.3 | 127 | 0.00 |
| 25 | | Isophorone | 40.000 | 40.639 | -1.6 | 125 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 42.575 | -6.4 | 134 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 41.444 | -3.6 | 128 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 42.215 | -5.5 | 126 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 42.705 | -6.8 | 129 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 42.035 | -5.1 | 131 | 0.00 |
| 31 | | Naphthalene | 40.000 | 40.956 | -2.4 | 127 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 39.684 | 0.8 | 141 | 0.02 |
| 33 | | 4-Chloroaniline | 40.000 | 42.109 | -5.3 | 126 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 41.346 | -3.4 | 129 | 0.00 |
| 35 | | Caprolactam | 40.000 | 40.879 | -2.2 | 122 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 40.579 | -1.4 | 123 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 40.701 | -1.8 | 125 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 40.836 | -2.1 | 126 | 0.00 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 125 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 42.437 | -6.1 | 128 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 35.139 | 12.2 | 105 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 80.627 | -0.8 | 120 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 42.963 | -7.4 | 127 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 43.014 | -7.5 | 128 | 0.00 |

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| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 45 | S | 2-Fluorobiphenyl | 80.000 | 83.593 | -4.5 | 125 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 41.411 | -3.5 | 123 | 0.00 |
| 47 | | 2-Chloronaphthalene | 40.000 | 41.829 | -4.6 | 127 | 0.00 |
| 48 | | 2-Nitroaniline | 40.000 | 44.073 | -10.2 | 128 | 0.00 |
| 49 | | Acenaphthylene | 40.000 | 40.923 | -2.3 | 122 | 0.00 |
| 50 | | Dimethylphthalate | 40.000 | 40.314 | -0.8 | 122 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 40.901 | -2.3 | 121 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 40.626 | -1.6 | 122 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 41.759 | -4.4 | 124 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 37.019 | 7.5 | 116 | 0.00 |
| 55 | | Dibenzofuran | 40.000 | 40.727 | -1.8 | 122 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 42.810 | -7.0 | 125 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 40.014 | -0.0 | 120 | 0.00 |
| 58 | | Fluorene | 40.000 | 40.146 | -0.4 | 119 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 41.347 | -3.4 | 118 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 39.472 | 1.3 | 118 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 40.365 | -0.9 | 122 | 0.00 |
| 62 | | 4-Nitroaniline | 40.000 | 44.489 | -11.2 | 130 | 0.00 |
| 63 | | Azobenzene | 40.000 | 40.082 | -0.2 | 120 | 0.00 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 122 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 40.439 | -1.1 | 119 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 41.392 | -3.5 | 119 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 41.176 | -2.9 | 120 | 0.00 |
| 68 | | Hexachlorobenzene | 40.000 | 41.049 | -2.6 | 121 | 0.00 |
| 69 | | Atrazine | 40.000 | 37.007 | 7.5 | 110 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 43.104 | -7.8 | 121 | 0.00 |
| 71 | | Phenanthrene | 40.000 | 41.342 | -3.4 | 120 | 0.00 |
| 72 | | Anthracene | 40.000 | 41.477 | -3.7 | 118 | 0.00 |
| 73 | | Carbazole | 40.000 | 41.962 | -4.9 | 121 | 0.00 |
| 74 | | Di-n-butylphthalate | 40.000 | 41.079 | -2.7 | 118 | 0.00 |
| 75 | C | Fluoranthene | 40.000 | 40.749 | -1.9 | 116 | 0.00 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 122 | 0.00 |
| 77 | | Benzidine | 40.000 | 43.756 | -9.4 | 119 | 0.00 |
| 78 | | Pyrene | 40.000 | 40.463 | -1.2 | 118 | 0.00 |
| 79 | S | Terphenyl-d14 | 80.000 | 80.988 | -1.2 | 117 | 0.00 |
| 80 | | Butylbenzylphthalate | 40.000 | 41.956 | -4.9 | 123 | 0.00 |
| 81 | | Benzo(a)anthracene | 40.000 | 41.851 | -4.6 | 124 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 44.075 | -10.2 | 128 | 0.00 |
| 83 | | Chrysene | 40.000 | 40.987 | -2.5 | 120 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 42.554 | -6.4 | 125 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 42.985 | -7.5 | 128 | 0.00 |
| 86 | | Indeno(1,2,3-cd)pyrene | 40.000 | 43.613 | -9.0 | 129 | -0.02 |
| 87 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 126 | -0.02 |

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|---|---|---|---|---|---|---|
| 88 | Benzo(b)fluoranthene | 40.000 | 41.995 | -5.0 | 126 | 0.00 |
| 89 | Benzo(k)fluoranthene | 40.000 | 41.043 | -2.6 | 123 | 0.00 |
| 90 C | Benzo(a)pyrene | 40.000 | 42.057 | -5.1 | 127 | 0.00 |
| 91 | Dibenzo(a,h)anthracene | 40.000 | 42.717 | -6.8 | 129 | 0.00 |
| 92 | Benzo(g,h,i)perylene | 40.000 | 42.314 | -5.8 | 127 | 0.00 |

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