# Evaluate Continuing Calibration Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026722.D
Acq On : 09 Jul 2020 17:01
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**LabSampleId :** SSTDCCC040

Quant Time: Jul 09 17:33:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 09 11:30:08 2020
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 | 35.671 | 10.8 | 116 | 0.00 |
| 3 | | Pyridine | 40.000 | 36.091 | 9.8 | 111 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 37.729 | 5.7 | 116 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 71.282 | 10.9 | 114 | 0.00 |
| 6 | | Aniline | 40.000 | 34.830 | 12.9 | 108 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 70.576 | 11.8 | 109 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 35.067 | 12.3 | 111 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 33.030 | 17.4 | 108 | 0.00 |
| 10 | C | Phenol | 40.000 | 35.476 | 11.3 | 111 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 34.009 | 15.0 | 108 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 35.007 | 12.5 | 112 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 35.109 | 12.2 | 113 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 35.087 | 12.3 | 112 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 34.973 | 12.6 | 107 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 34.408 | 14.0 | 109 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 34.849 | 12.9 | 108 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 35.488 | 11.3 | 113 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 34.715 | 13.2 | 108 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 34.947 | 12.6 | 107 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 124 | 0.00 |
| 22 | | Acetophenone | 40.000 | 35.279 | 11.8 | 107 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 72.062 | 9.9 | 108 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 35.219 | 12.0 | 108 | 0.00 |
| 25 | | Isophorone | 40.000 | 35.190 | 12.0 | 105 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 35.875 | 10.3 | 106 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 35.409 | 11.5 | 106 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 34.796 | 13.0 | 106 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 36.107 | 9.7 | 107 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 35.484 | 11.3 | 108 | 0.00 |
| 31 | | Naphthalene | 40.000 | 35.088 | 12.3 | 108 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 35.128 | 12.2 | 106 | 0.02 |
| 33 | | 4-Chloroaniline | 40.000 | 35.915 | 10.2 | 107 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 35.573 | 11.1 | 108 | 0.00 |
| 35 | | Caprolactam | 40.000 | 37.235 | 6.9 | 109 | 0.01 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 36.539 | 8.7 | 109 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 35.386 | 11.5 | 108 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 35.221 | 11.9 | 108 | 0.00 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 126 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 34.984 | 12.5 | 108 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 34.897 | 12.8 | 108 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 73.948 | 7.6 | 112 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 36.305 | 9.2 | 108 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 36.189 | 9.5 | 109 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026722.D
Acq On : 09 Jul 2020 17:01
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**LabSampleId :** SSTDCCC040

Quant Time: Jul 09 17:33:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 09 11:30:08 2020
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) |
|---|---|---|---|---|---|---|---|
| 45 | S | 2-Fluorobiphenyl | 80.000 | 69.322 | 13.3 | 108 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 34.908 | 12.7 | 109 | 0.00 |
| 47 | | 2-Chloronaphthalene | 40.000 | 35.116 | 12.2 | 109 | 0.00 |
| 48 | | 2-Nitroaniline | 40.000 | 37.860 | 5.4 | 112 | 0.00 |
| 49 | | Acenaphthylene | 40.000 | 35.223 | 11.9 | 109 | 0.00 |
| 50 | | Dimethylphthalate | 40.000 | 35.306 | 11.7 | 110 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 36.407 | 9.0 | 111 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 35.479 | 11.3 | 110 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 37.216 | 7.0 | 111 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 34.872 | 12.8 | 110 | 0.00 |
| 55 | | Dibenzofuran | 40.000 | 35.427 | 11.4 | 111 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 36.084 | 9.8 | 113 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 37.781 | 5.5 | 113 | 0.00 |
| 58 | | Fluorene | 40.000 | 36.004 | 10.0 | 111 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 36.737 | 8.2 | 112 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 35.959 | 10.1 | 111 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 35.521 | 11.2 | 111 | 0.00 |
| 62 | | 4-Nitroaniline | 40.000 | 35.823 | 10.4 | 115 | 0.00 |
| 63 | | Azobenzene | 40.000 | 36.484 | 8.8 | 111 | 0.00 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 131 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 34.410 | 14.0 | 112 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 35.438 | 11.4 | 113 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 34.857 | 12.9 | 112 | 0.00 |
| 68 | | Hexachlorobenzene | 40.000 | 34.662 | 13.3 | 112 | 0.00 |
| 69 | | Atrazine | 40.000 | 35.721 | 10.7 | 108 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 36.616 | 8.5 | 113 | 0.00 |
| 71 | | Phenanthrene | 40.000 | 35.365 | 11.6 | 114 | 0.00 |
| 72 | | Anthracene | 40.000 | 35.724 | 10.7 | 114 | 0.00 |
| 73 | | Carbazole | 40.000 | 36.574 | 8.6 | 116 | 0.00 |
| 74 | | Di-n-butylphthalate | 40.000 | 36.889 | 7.8 | 116 | 0.00 |
| 75 | C | Fluoranthene | 40.000 | 36.565 | 8.6 | 118 | 0.00 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 139 | 0.00 |
| 77 | | Benzidine | 40.000 | 45.184 | -13.0 | 143 | 0.00 |
| 78 | | Pyrene | 40.000 | 34.736 | 13.2 | 119 | 0.00 |
| 79 | S | Terphenyl-d14 | 80.000 | 70.454 | 11.9 | 119 | 0.00 |
| 80 | | Butylbenzylphthalate | 40.000 | 36.346 | 9.1 | 120 | 0.00 |
| 81 | | Benzo(a)anthracene | 40.000 | 35.307 | 11.7 | 122 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 37.403 | 6.5 | 125 | 0.00 |
| 83 | | Chrysene | 40.000 | 35.374 | 11.6 | 122 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 36.497 | 8.8 | 121 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 36.773 | 8.1 | 121 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 143 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 35.605 | 11.0 | 122 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026722.D
Acq On : 09 Jul 2020 17:01
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**LabSampleId :** SSTDCCC040

Quant Time: Jul 09 17:33:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 09 11:30:08 2020
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) |
|---|---|---|---|---|---|---|
| 88 | Benzo(b)fluoranthene | 40.000 | 36.637 | 8.4 | 126 | 0.00 |
| 89 | Benzo(k)fluoranthene | 40.000 | 36.761 | 8.1 | 122 | 0.00 |
| 90 C | Benzo(a)pyrene | 40.000 | 36.550 | 8.6 | 124 | 0.00 |
| 91 | Dibenzo(a,h)anthracene | 40.000 | 35.596 | 11.0 | 122 | 0.00 |
| 92 | Benzo(g,h,i)perylene | 40.000 | 34.987 | 12.5 | 122 | 0.00 |

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