# Evaluate Continuing Calibration Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121071.D
Acq On : 28 Jul 2020 16:00
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jul 28 16:42:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 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 | 120 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 37.435 | 6.4 | 116 | 0.04 |
| 3 | | Pyridine | 40.000 | 37.914 | 5.2 | 118 | 0.04 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 34.891 | 12.8 | 107 | 0.05 |
| 5 | S | 2-Fluorophenol | 80.000 | 72.602 | 9.2 | 113 | 0.00 |
| 6 | | Aniline | 40.000 | 36.345 | 9.1 | 113 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 72.555 | 9.3 | 113 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 37.689 | 5.8 | 116 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 41.818 | -4.5 | 127 | 0.00 |
| 10 | C | Phenol | 40.000 | 36.315 | 9.2 | 113 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 37.782 | 5.5 | 117 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 37.083 | 7.3 | 116 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 37.438 | 6.4 | 117 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 36.984 | 7.5 | 114 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 35.997 | 10.0 | 112 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 37.236 | 6.9 | 116 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 37.552 | 6.1 | 118 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 38.354 | 4.1 | 117 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 36.056 | 9.9 | 116 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 32.276 | 19.3 | 110 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 119 | 0.00 |
| 22 | | Acetophenone | 40.000 | 37.167 | 7.1 | 115 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 78.018 | 2.5 | 118 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 38.830 | 2.9 | 118 | 0.00 |
| 25 | | Isophorone | 40.000 | 38.363 | 4.1 | 118 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 42.824 | -7.1 | 124 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 37.984 | 5.0 | 116 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 39.357 | 1.6 | 122 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 39.850 | 0.4 | 120 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 38.894 | 2.8 | 117 | 0.00 |
| 31 | | Naphthalene | 40.000 | 37.886 | 5.3 | 116 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 44.342 | -10.9 | 120 | 0.02 |
| 33 | | 4-Chloroaniline | 40.000 | 38.469 | 3.8 | 119 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 39.750 | 0.6 | 120 | 0.00 |
| 35 | | Caprolactam | 40.000 | 40.889 | -2.2 | 124 | 0.01 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 39.959 | 0.1 | 121 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 39.214 | 2.0 | 119 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 38.551 | 3.6 | 118 | 0.00 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 123 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 39.249 | 1.9 | 121 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 36.645 | 8.4 | 109 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 79.669 | 0.4 | 122 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 39.302 | 1.7 | 121 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 38.606 | 3.5 | 120 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121071.D
Acq On : 28 Jul 2020 16:00
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jul 28 16:42:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 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 | 66.548 | 16.8 | 117 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 38.267 | 4.3 | 120 | 0.00 |
| 47 | | 2-Chloronaphthalene | 40.000 | 37.756 | 5.6 | 118 | 0.00 |
| 48 | | 2-Nitroaniline | 40.000 | 40.397 | -1.0 | 124 | 0.00 |
| 49 | | Acenaphthylene | 40.000 | 38.112 | 4.7 | 119 | 0.00 |
| 50 | | Dimethylphthalate | 40.000 | 39.092 | 2.3 | 124 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 41.127 | -2.8 | 125 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 38.651 | 3.4 | 120 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 39.222 | 1.9 | 121 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 40.906 | -2.3 | 138 | 0.01 |
| 55 | | Dibenzofuran | 40.000 | 37.601 | 6.0 | 119 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 36.439 | 8.9 | 111 | 0.01 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 42.034 | -5.1 | 126 | 0.00 |
| 58 | | Fluorene | 40.000 | 35.908 | 10.2 | 117 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 40.148 | -0.4 | 124 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 38.547 | 3.6 | 122 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 34.522 | 13.7 | 118 | 0.00 |
| 62 | | 4-Nitroaniline | 40.000 | 40.647 | -1.6 | 126 | 0.00 |
| 63 | | Azobenzene | 40.000 | 37.642 | 5.9 | 118 | 0.00 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 124 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 40.644 | -1.6 | 135 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 38.785 | 3.0 | 120 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 40.250 | -0.6 | 124 | 0.00 |
| 68 | | Hexachlorobenzene | 40.000 | 39.757 | 0.6 | 123 | 0.00 |
| 69 | | Atrazine | 40.000 | 32.132 | 19.7 | 101 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 40.788 | -2.0 | 118 | 0.00 |
| 71 | | Phenanthrene | 40.000 | 37.680 | 5.8 | 119 | 0.00 |
| 72 | | Anthracene | 40.000 | 37.904 | 5.2 | 117 | 0.00 |
| 73 | | Carbazole | 40.000 | 38.478 | 3.8 | 120 | 0.00 |
| 74 | | Di-n-butylphthalate | 40.000 | 39.644 | 0.9 | 123 | 0.00 |
| 75 | C | Fluoranthene | 40.000 | 37.815 | 5.5 | 118 | 0.00 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 119 | 0.00 |
| 77 | | Benzidine | 40.000 | 38.575 | 3.6 | 107 | 0.00 |
| 78 | | Pyrene | 40.000 | 39.123 | 2.2 | 117 | 0.00 |
| 79 | S | Terphenyl-d14 | 80.000 | 71.086 | 11.1 | 114 | 0.00 |
| 80 | | Butylbenzylphthalate | 40.000 | 40.716 | -1.8 | 119 | 0.00 |
| 81 | | Benzo(a)anthracene | 40.000 | 37.578 | 6.1 | 116 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 41.203 | -3.0 | 123 | 0.00 |
| 83 | | Chrysene | 40.000 | 38.552 | 3.6 | 115 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 40.755 | -1.9 | 122 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 38.418 | 4.0 | 113 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 112 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 35.565 | 11.1 | 98 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121071.D
Acq On : 28 Jul 2020 16:00
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jul 28 16:42:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 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 | 38.680 | 3.3 | 109 | 0.00 |
| 89 | Benzo(k)fluoranthene | 40.000 | 42.549 | -6.4 | 115 | 0.00 |
| 90 C | Benzo(a)pyrene | 40.000 | 39.913 | 0.2 | 110 | 0.00 |
| 91 | Dibenzo(a,h)anthracene | 40.000 | 36.052 | 9.9 | 99 | 0.00 |
| 92 | Benzo(g,h,i)perylene | 40.000 | 34.123 | 14.7 | 95 | 0.00 |

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