# Evaluate Continuing Calibration Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
Data File : BF119646.D
Acq On : 30 Mar 2020 21:14
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Mar 31 00:33:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 07:52:09 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 | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 120 | 0.00 |
| 2 | | 1,4-Dioxane | 0.621 | 0.572 | 7.9 | 106 | 0.01 |
| 3 | | Pyridine | 1.709 | 1.540 | 9.9 | 103 | 0.02 |
| 4 | | n-Nitrosodimethylamine | 0.834 | 0.689 | 17.4 | 95 | 0.01 |
| 5 | S | 2-Fluorophenol | 1.256 | 1.094 | 12.9 | 99 | 0.00 |
| 6 | | Aniline | 2.215 | 2.129 | 3.9 | 108 | 0.00 |
| 7 | S | Phenol-d6 | 1.605 | 1.404 | 12.5 | 99 | 0.00 |
| 8 | | 2-Chlorophenol | 1.320 | 1.199 | 9.2 | 102 | 0.00 |
| 9 | | Benzaldehyde | 1.018 | 0.949 | 6.8 | 107 | 0.00 |
| 10 | C | Phenol | 1.712 | 1.621 | 5.3 | 108 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.370 | 1.355 | 1.1 | 113 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.428 | 1.403 | 1.8 | 113 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.428 | 1.405 | 1.6 | 113 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.335 | 1.293 | 3.1 | 109 | 0.00 |
| 15 | | Benzyl Alcohol | 1.207 | 1.062 | 12.0 | 98 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 2.763 | 2.423 | 12.3 | 101 | 0.00 |
| 17 | | 2-Methylphenol | 1.209 | 1.093 | 9.6 | 103 | 0.00 |
| 18 | | Hexachloroethane | 0.523 | 0.404 | 22.8 | 89 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 0.967 | 0.882 | 8.8 | 105 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.482 | 1.241 | 16.3 | 94 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 113 | 0.00 |
| 22 | | Acetophenone | 0.478 | 0.452 | 5.4 | 104 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.368 | 0.346 | 6.0 | 102 | 0.00 |
| 24 | | Nitrobenzene | 0.393 | 0.361 | 8.1 | 100 | 0.00 |
| 25 | | Isophorone | 0.746 | 0.677 | 9.2 | 100 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.155 | 0.067 | 56.8# | 47# | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.320 | 0.265 | 17.2 | 91 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.441 | 0.446 | -1.1 | 112 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.294 | 0.224 | 23.8# | 84 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.325 | 0.316 | 2.8 | 107 | 0.00 |
| 31 | | Naphthalene | 1.029 | 0.986 | 4.2 | 104 | 0.00 |
| 32 | | Benzoic acid | 0.206 | 0.014 | 93.2# | 7# | 0.00 |
| 33 | | 4-Chloroaniline | 0.472 | 0.443 | 6.1 | 102 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.182 | 0.183 | -0.5 | 111 | 0.00 |
| 35 | | Caprolactam | 0.096 | 0.064 | 33.3# | 71 | -0.02 |
| 36 | C | 4-Chloro-3-methylphenol | 0.322 | 0.228 | 29.2# | 78 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.675 | 0.638 | 5.5 | 104 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.639 | 0.589 | 7.8 | 100 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 100 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.586 | 0.650 | -10.9 | 108 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.333 | 0.067 | 79.9# | 20# | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.206 | 0.119 | 42.2# | 56 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.420 | 0.287 | 31.7# | 67 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.470 | 0.305 | 35.1# | 63 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
Data File : BF119646.D
Acq On : 30 Mar 2020 21:14
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Mar 31 00:33:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 07:52:09 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 | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 45 | S | 2-Fluorobiphenyl | 1.350 | 1.366 | -1.2 | 102 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.629 | 1.711 | -5.0 | 101 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.276 | 1.291 | -1.2 | 98 | 0.00 |
| 48 | | 2-Nitroaniline | 0.440 | 0.415 | 5.7 | 89 | 0.00 |
| 49 | | Acenaphthylene | 2.004 | 1.932 | 3.6 | 93 | 0.00 |
| 50 | | Dimethylphthalate | 1.421 | 1.507 | -6.1 | 103 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.304 | 0.244 | 19.7 | 76 | 0.00 |
| 52 | C | Acenaphthene | 1.249 | 1.147 | 8.2 | 90 | 0.00 |
| 53 | | 3-Nitroaniline | 0.384 | 0.404 | -5.2 | 100 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.112 | 0.002# | 98.2# | 2# | 0.00 |
| 55 | | Dibenzofuran | 1.791 | 1.703 | 4.9 | 92 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.303 | 0.104 | 65.7# | 32# | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.384 | 0.267 | 30.5# | 66 | 0.00 |
| 58 | | Fluorene | 1.324 | 1.212 | 8.5 | 88 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.351 | 0.168 | 52.1# | 45# | 0.00 |
| 60 | | Diethylphthalate | 1.442 | 1.463 | -1.5 | 98 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.648 | 0.652 | -0.6 | 98 | 0.00 |
| 62 | | 4-Nitroaniline | 0.369 | 0.372 | -0.8 | 96 | 0.00 |
| 63 | | Azobenzene | 1.452 | 1.300 | 10.5 | 87 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 82 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.084 | 0.003 | 96.4# | 3# | -0.01 |
| 66 | c | n-Nitrosodiphenylamine | 0.657 | 0.740 | -12.6 | 89 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.228 | 0.261 | -14.5 | 90 | 0.00 |
| 68 | | Hexachlorobenzene | 0.233 | 0.250 | -7.3 | 85 | 0.00 |
| 69 | | Atrazine | 0.180 | 0.138 | 23.3 | 61 | 0.00 |
| 70 | C | Pentachlorophenol | 0.137 | 0.042 | 69.3# | 24# | 0.00 |
| 71 | | Phenanthrene | 1.037 | 1.019 | 1.7 | 78 | 0.00 |
| 72 | | Anthracene | 1.054 | 1.037 | 1.6 | 77 | 0.00 |
| 73 | | Carbazole | 1.043 | 0.998 | 4.3 | 75 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.116 | 1.260 | -12.9 | 89 | 0.00 |
| 75 | C | Fluoranthene | 1.122 | 1.008 | 10.2 | 70 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 76 | 0.00 |
| 77 | | Benzidine | 0.846 | 0.721 | 14.8 | 65 | 0.00 |
| 78 | | Pyrene | 1.641 | 1.497 | 8.8 | 70 | 0.00 |
| 79 | S | Terphenyl-d14 | 1.021 | 1.013 | 0.8 | 77 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.664 | 0.681 | -2.6 | 79 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.301 | 1.263 | 2.9 | 72 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.513 | 0.525 | -2.3 | 75 | 0.00 |
| 83 | | Chrysene | 1.342 | 1.294 | 3.6 | 71 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.791 | 0.888 | -12.3 | 86 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 1.392 | 1.593 | -14.4 | 84 | 0.00 |
| 86 | | Indeno(1,2,3-cd)pyrene | 1.264 | 1.091 | 13.7 | 68 | 0.00 |
| 87 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 71 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
Data File : BF119646.D
Acq On : 30 Mar 2020 21:14
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Mar 31 00:33:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 07:52:09 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 | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|
| 88 | Benzo(b)fluoranthene | 1.336 | 1.346 | -0.7 | 72 | 0.00 |
| 89 | Benzo(k)fluoranthene | 1.272 | 1.247 | 2.0 | 67 | 0.00 |
| 90 C | Benzo(a)pyrene | 1.214 | 1.178 | 3.0 | 68 | 0.00 |
| 91 | Dibenzo(a,h)anthracene | 1.062 | 0.972 | 8.5 | 68 | 0.00 |
| 92 | Benzo(g,h,i)perylene | 1.067 | 0.927 | 13.1 | 66 | 0.00 |

(#) = Out of Range SPCC's out = 1 CCC's out = 5