# Evaluate Continuing Calibration Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP052720\
Data File : BP002299.D
Acq On : 27 May 2020 22:13
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** ICVBP052720

Quant Time: May 28 03:35:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 03:14:58 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 | 106 | 0.00 |
| 2 | | 1,4-Dioxane | 0.490 | 0.530 | -8.2 | 107 | 0.00 |
| 3 | | Pyridine | 1.402 | 1.472 | -5.0 | 108 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.540 | 0.599 | -10.9 | 107 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.065 | 1.175 | -10.3 | 107 | 0.00 |
| 6 | | Aniline | 2.002 | 2.196 | -9.7 | 106 | 0.00 |
| 7 | S | Phenol-d6 | 1.449 | 1.610 | -11.1 | 107 | 0.00 |
| 8 | | 2-Chlorophenol | 1.219 | 1.334 | -9.4 | 106 | 0.00 |
| 9 | | Benzaldehyde | 0.810 | 0.930 | -14.8 | 106 | 0.00 |
| 10 | C | Phenol | 1.594 | 1.769 | -11.0 | 107 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.327 | 1.455 | -9.6 | 106 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.396 | 1.501 | -7.5 | 105 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.402 | 1.520 | -8.4 | 106 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.341 | 1.464 | -9.2 | 106 | 0.00 |
| 15 | | Benzyl Alcohol | 1.101 | 1.246 | -13.2 | 107 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 1.831 | 2.014 | -10.0 | 105 | 0.00 |
| 17 | | 2-Methylphenol | 1.138 | 1.266 | -11.2 | 105 | 0.00 |
| 18 | | Hexachloroethane | 0.502 | 0.553 | -10.2 | 106 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 0.961 | 1.072 | -11.6 | 104 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.547 | 1.723 | -11.4 | 106 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 106 | 0.00 |
| 22 | | Acetophenone | 0.457 | 0.498 | -9.0 | 105 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.333 | 0.369 | -10.8 | 105 | 0.00 |
| 24 | | Nitrobenzene | 0.363 | 0.400 | -10.2 | 106 | 0.00 |
| 25 | | Isophorone | 0.683 | 0.753 | -10.2 | 106 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.155 | 0.175 | -12.9 | 107 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.254 | 0.273 | -7.5 | 105 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.416 | 0.452 | -8.7 | 105 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.280 | 0.305 | -8.9 | 106 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.316 | 0.336 | -6.3 | 105 | 0.00 |
| 31 | | Naphthalene | 0.938 | 1.016 | -8.3 | 105 | 0.00 |
| 32 | | Benzoic acid | 0.182 | 0.214 | -17.6 | 103 | 0.01 |
| 33 | | 4-Chloroaniline | 0.412 | 0.447 | -8.5 | 106 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.184 | 0.193 | -4.9 | 106 | 0.00 |
| 35 | | Caprolactam | 0.097 | 0.110 | -13.4 | 107 | 0.01 |
| 36 | C | 4-Chloro-3-methylphenol | 0.302 | 0.331 | -9.6 | 104 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.658 | 0.715 | -8.7 | 105 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.624 | 0.674 | -8.0 | 104 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 106 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.531 | 0.565 | -6.4 | 104 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.283 | 0.297 | -4.9 | 104 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.190 | 0.203 | -6.8 | 106 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.368 | 0.406 | -10.3 | 107 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.427 | 0.464 | -8.7 | 105 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP052720\
Data File : BP002299.D
Acq On : 27 May 2020 22:13
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** ICVBP052720

Quant Time: May 28 03:35:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 03:14:58 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 | 1.133 | 1.234 | -8.9 | 104 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.311 | 1.428 | -8.9 | 105 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.081 | 1.176 | -8.8 | 105 | 0.00 |
| 48 | | 2-Nitroaniline | 0.332 | 0.389 | -17.2 | 107 | 0.00 |
| 49 | | Acenaphthylene | 1.713 | 1.873 | -9.3 | 105 | 0.00 |
| 50 | | Dimethylphthalate | 1.354 | 1.477 | -9.1 | 105 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.294 | 0.330 | -12.2 | 107 | 0.00 |
| 52 | C | Acenaphthene | 1.102 | 1.207 | -9.5 | 104 | 0.00 |
| 53 | | 3-Nitroaniline | 0.336 | 0.377 | -12.2 | 106 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.148 | 0.170 | -14.9 | 107 | 0.00 |
| 55 | | Dibenzofuran | 1.630 | 1.770 | -8.6 | 105 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.266 | 0.301 | -13.2 | 106 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.395 | 0.449 | -13.7 | 107 | 0.00 |
| 58 | | Fluorene | 1.209 | 1.264 | -4.5 | 104 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.340 | 0.375 | -10.3 | 106 | 0.00 |
| 60 | | Diethylphthalate | 1.339 | 1.457 | -8.8 | 105 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.638 | 0.658 | -3.1 | 103 | 0.00 |
| 62 | | 4-Nitroaniline | 0.311 | 0.352 | -13.2 | 107 | 0.00 |
| 63 | | Azobenzene | 1.373 | 1.528 | -11.3 | 105 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 106 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.099 | 0.113 | -14.1 | 106 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.525 | 0.582 | -10.9 | 105 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.197 | 0.213 | -8.1 | 105 | 0.00 |
| 68 | | Hexachlorobenzene | 0.208 | 0.224 | -7.7 | 106 | 0.00 |
| 69 | | Atrazine | 0.168 | 0.193 | -14.9 | 106 | 0.00 |
| 70 | C | Pentachlorophenol | 0.127 | 0.142 | -11.8 | 107 | 0.00 |
| 71 | | Phenanthrene | 0.947 | 1.047 | -10.6 | 106 | 0.00 |
| 72 | | Anthracene | 0.932 | 1.042 | -11.8 | 105 | 0.00 |
| 73 | | Carbazole | 0.912 | 1.015 | -11.3 | 105 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.037 | 1.187 | -14.5 | 106 | 0.00 |
| 75 | C | Fluoranthene | 1.091 | 1.213 | -11.2 | 106 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 105 | 0.00 |
| 77 | | Benzidine | 0.406 | 0.493 | -21.4 | 112 | 0.00 |
| 78 | | Pyrene | 1.245 | 1.368 | -9.9 | 106 | 0.00 |
| 79 | S | Terphenyl-d14 | 0.826 | 0.864 | -4.6 | 105 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.496 | 0.554 | -11.7 | 105 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.145 | 1.248 | -9.0 | 105 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.401 | 0.464 | -15.7 | 109 | 0.00 |
| 83 | | Chrysene | 1.099 | 1.197 | -8.9 | 104 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.758 | 0.876 | -15.6 | 105 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 1.259 | 1.499 | -19.1 | 107 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 106 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.238 | 1.368 | -10.5 | 106 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP052720\
Data File : BP002299.D
Acq On : 27 May 2020 22:13
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** ICVBP052720

Quant Time: May 28 03:35:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 03:14:58 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 | 1.090 | 1.215 | -11.5 | 106 | 0.00 |
| 89 | Benzo(k)fluoranthene | 1.046 | 1.133 | -8.3 | 104 | 0.00 |
| 90 C | Benzo(a)pyrene | 1.011 | 1.135 | -12.3 | 107 | 0.00 |
| 91 | Dibenzo(a,h)anthracene | 1.009 | 1.113 | -10.3 | 105 | 0.00 |
| 92 | Benzo(g,h,i)perylene | 1.030 | 1.131 | -9.8 | 106 | 0.00 |

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