# Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053025.D
Acq On : 5 Apr 2022 10:30
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Apr 05 14:25:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 14:24:42 2022
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 | 97 | 0.00 |
| 2 | | 1,4-Dioxane | 0.574 | 0.533 | 7.1 | 96 | 0.01 |
| 3 | | Pyridine | 1.473 | 1.454 | 1.3 | 97 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.653 | 0.675 | -3.4 | 103 | 0.01 |
| 5 | S | 2-Fluorophenol | 1.148 | 1.080 | 5.9 | 95 | 0.00 |
| 6 | | Aniline | 2.030 | 1.854 | 8.7 | 91 | 0.00 |
| 7 | S | Phenol-d6 | 1.731 | 1.627 | 6.0 | 93 | 0.00 |
| 8 | | 2-Chlorophenol | 1.207 | 1.116 | 7.5 | 91 | 0.00 |
| 9 | | Benzaldehyde | 1.063 | 0.906 | 14.8 | 98 | 0.00 |
| 10 | C | Phenol | 1.709 | 1.628 | 4.7 | 97 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.291 | 1.139 | 11.8 | 90 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.453 | 1.266 | 12.9 | 88 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.460 | 1.307 | 10.5 | 91 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.381 | 1.235 | 10.6 | 91 | 0.01 |
| 15 | | Benzyl Alcohol | 1.458 | 1.412 | 3.2 | 98 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 2.248 | 1.946 | 13.4 | 87 | 0.00 |
| 17 | | 2-Methylphenol | 1.139 | 1.036 | 9.0 | 90 | 0.00 |
| 18 | | Hexachloroethane | 0.536 | 0.493 | 8.0 | 92 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 1.226 | 1.153 | 6.0 | 95 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.594 | 1.525 | 4.3 | 96 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 92 | 0.00 |
| 22 | | Acetophenone | 0.518 | 0.518 | 0.0 | 94 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.398 | 0.463 | -16.3 | 106 | 0.00 |
| 24 | | Nitrobenzene | 0.399 | 0.449 | -12.5 | 103 | 0.00 |
| 25 | | Isophorone | 0.772 | 0.787 | -1.9 | 95 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.138 | 0.186 | -34.8# | 124 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.283 | 0.263 | 7.1 | 90 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.456 | 0.440 | 3.5 | 90 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.319 | 0.333 | -4.4 | 96 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.376 | 0.377 | -0.3 | 92 | 0.00 |
| 31 | | Naphthalene | 1.034 | 0.990 | 4.3 | 90 | 0.00 |
| 32 | | Benzoic acid | 0.190 | 0.190 | 0.0 | 93 | 0.00 |
| 33 | | 4-Chloroaniline | 0.438 | 0.431 | 1.6 | 91 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.270 | 0.272 | -0.7 | 94 | 0.00 |
| 35 | | Caprolactam | 0.087 | 0.116 | -33.3# | 117 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 0.370 | 0.397 | -7.3 | 97 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.757 | 0.739 | 2.4 | 92 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.739 | 0.709 | 4.1 | 90 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 91 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.625 | 0.618 | 1.1 | 94 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.370 | 0.353 | 4.6 | 91 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.269 | 0.278 | -3.3 | 96 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.400 | 0.439 | -9.7 | 105 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.406 | 0.467 | -15.0 | 109 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.356 | 1.331 | 1.8 | 94 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.399 | 1.309 | 6.4 | 90 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.101 | 1.045 | 5.1 | 92 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053025.D
Acq On : 5 Apr 2022 10:30
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Apr 05 14:25:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 14:24:42 2022
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) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 0.301 | 0.410 | -36.2# | 122 | 0.00 |
| 49 | | Acenaphthylene | 1.756 | 1.662 | 5.4 | 91 | 0.00 |
| 50 | | Dimethylphthalate | 1.486 | 1.430 | 3.8 | 90 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.251 | 0.297 | -18.3 | 104 | 0.00 |
| 52 | C | Acenaphthene | 1.125 | 1.116 | 0.8 | 96 | 0.00 |
| 53 | | 3-Nitroaniline | 0.294 | 0.329 | -11.9 | 100 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.137 | 0.178 | -29.9# | 128 | 0.00 |
| 55 | | Dibenzofuran | 1.837 | 1.762 | 4.1 | 91 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.240 | 0.256 | -6.7 | 94 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.348 | 0.408 | -17.2 | 103 | 0.00 |
| 58 | | Fluorene | 1.497 | 1.386 | 7.4 | 90 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.434 | 0.450 | -3.7 | 94 | 0.00 |
| 60 | | Diethylphthalate | 1.569 | 1.475 | 6.0 | 88 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.826 | 0.776 | 6.1 | 90 | 0.00 |
| 62 | | 4-Nitroaniline | 0.310 | 0.336 | -8.4 | 99 | 0.00 |
| 63 | | Azobenzene | 1.677 | 1.563 | 6.8 | 88 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 89 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.089 | 0.126 | -41.6# | 127 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.563 | 0.526 | 6.6 | 87 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.241 | 0.235 | 2.5 | 90 | 0.00 |
| 68 | | Hexachlorobenzene | 0.259 | 0.252 | 2.7 | 89 | 0.00 |
| 69 | | Atrazine | 0.208 | 0.199 | 4.3 | 85 | 0.00 |
| 70 | C | Pentachlorophenol | 0.161 | 0.155 | 3.7 | 84 | 0.00 |
| 71 | | Phenanthrene | 1.070 | 1.004 | 6.2 | 87 | 0.00 |
| 72 | | Anthracene | 1.058 | 0.995 | 6.0 | 88 | 0.00 |
| 73 | | Carbazole | 1.048 | 0.974 | 7.1 | 86 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.144 | 1.070 | 6.5 | 83 | 0.00 |
| 75 | C | Fluoranthene | 1.358 | 1.308 | 3.7 | 89 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 95 | 0.00 |
| 77 | | Benzidine | 0.516 | 0.561 | -8.7 | 108 | 0.00 |
| 78 | | Pyrene | 1.387 | 1.267 | 8.7 | 89 | 0.00 |
| 79 | S | Terphenyl-d14 | 1.124 | 1.031 | 8.3 | 88 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.492 | 0.469 | 4.7 | 90 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.339 | 1.257 | 6.1 | 93 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.473 | 0.454 | 4.0 | 93 | 0.00 |
| 83 | | Chrysene | 1.259 | 1.172 | 6.9 | 91 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.669 | 0.638 | 4.6 | 92 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 1.114 | 1.099 | 1.3 | 94 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 100 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.369 | 1.375 | -0.4 | 106 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 1.242 | 1.173 | 5.6 | 98 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 1.222 | 1.113 | 8.9 | 96 | 0.00 |
| 90 | C | Benzo(a)pyrene | 1.051 | 0.981 | 6.7 | 97 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 1.128 | 1.116 | 1.1 | 104 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 1.116 | 1.108 | 0.7 | 103 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053025.D
Acq On : 5 Apr 2022 10:30
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Apr 05 14:25:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 14:24:42 2022
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) |
|---|---|---|---|---|---|

(#) = Out of Range SPCC's out = 0 CCC's out = 1