# Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082223\
Data File : BG058801.D
Acq On : 22 Aug 2023 9:01
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Aug 22 17:16:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 01:40:57 2023
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 | 94 | 0.00 |
| 2 | | 1,4-Dioxane | 0.584 | 0.554 | 5.1 | 94 | 0.00 |
| 3 | | Pyridine | 1.544 | 1.532 | 0.8 | 91 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.839 | 0.794 | 5.4 | 90 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.243 | 1.246 | -0.2 | 94 | 0.00 |
| 6 | | Aniline | 2.132 | 2.169 | -1.7 | 94 | 0.00 |
| 7 | S | Phenol-d6 | 1.744 | 1.814 | -4.0 | 96 | 0.00 |
| 8 | | 2-Chlorophenol | 1.257 | 1.287 | -2.4 | 94 | 0.00 |
| 9 | | Benzaldehyde | 0.978 | 0.985 | -0.7 | 98 | 0.00 |
| 10 | C | Phenol | 1.681 | 1.751 | -4.2 | 95 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.312 | 1.329 | -1.3 | 95 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.335 | 1.344 | -0.7 | 96 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.350 | 1.383 | -2.4 | 97 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.305 | 1.286 | 1.5 | 94 | 0.00 |
| 15 | | Benzyl Alcohol | 1.247 | 1.322 | -6.0 | 95 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 2.796 | 2.866 | -2.5 | 97 | 0.00 |
| 17 | | 2-Methylphenol | 1.235 | 1.283 | -3.9 | 95 | 0.00 |
| 18 | | Hexachloroethane | 0.492 | 0.509 | -3.5 | 99 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 1.127 | 1.173 | -4.1 | 96 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.660 | 1.766 | -6.4 | 95 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 98 | 0.00 |
| 22 | | Acetophenone | 0.541 | 0.546 | -0.9 | 96 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.416 | 0.411 | 1.2 | 94 | 0.00 |
| 24 | | Nitrobenzene | 0.414 | 0.421 | -1.7 | 97 | 0.00 |
| 25 | | Isophorone | 0.827 | 0.826 | 0.1 | 95 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.173 | 0.184 | -6.4 | 97 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.293 | 0.312 | -6.5 | 98 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.438 | 0.451 | -3.0 | 98 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.301 | 0.321 | -6.6 | 97 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.364 | 0.369 | -1.4 | 98 | 0.00 |
| 31 | | Naphthalene | 1.050 | 1.057 | -0.7 | 97 | 0.00 |
| 32 | | Benzoic acid | 0.162 | 0.164 | -1.2 | 89 | 0.00 |
| 33 | | 4-Chloroaniline | 0.443 | 0.471 | -6.3 | 99 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.246 | 0.252 | -2.4 | 100 | 0.00 |
| 35 | | Caprolactam | 0.108 | 0.105 | 2.8 | 89 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 0.375 | 0.392 | -4.5 | 97 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.754 | 0.781 | -3.6 | 99 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.716 | 0.726 | -1.4 | 98 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 100 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.617 | 0.622 | -0.8 | 101 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.189 | 0.205 | -8.5 | 97 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.314 | 0.309 | 1.6 | 96 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.392 | 0.414 | -5.6 | 99 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.470 | 0.486 | -3.4 | 98 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.375 | 1.334 | 3.0 | 99 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.378 | 1.374 | 0.3 | 99 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.074 | 1.070 | 0.4 | 99 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082223\
Data File : BG058801.D
Acq On : 22 Aug 2023 9:01
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Aug 22 17:16:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 01:40:57 2023
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 | 0.408 | 0.415 | -1.7 | 97 | 0.00 |
| 49 | | Acenaphthylene | 1.781 | 1.758 | 1.3 | 98 | 0.00 |
| 50 | | Dimethylphthalate | 1.549 | 1.482 | 4.3 | 96 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.325 | 0.328 | -0.9 | 96 | 0.00 |
| 52 | C | Acenaphthene | 1.041 | 1.028 | 1.2 | 99 | 0.00 |
| 53 | | 3-Nitroaniline | 0.314 | 0.322 | -2.5 | 96 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.150 | 0.128 | 14.7 | 78 | 0.00 |
| 55 | | Dibenzofuran | 1.795 | 1.767 | 1.6 | 99 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.199 | 0.188 | 5.5 | 85 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.454 | 0.460 | -1.3 | 96 | 0.00 |
| 58 | | Fluorene | 1.428 | 1.392 | 2.5 | 98 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.383 | 0.399 | -4.2 | 101 | 0.00 |
| 60 | | Diethylphthalate | 1.597 | 1.548 | 3.1 | 96 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.792 | 0.788 | 0.5 | 99 | 0.00 |
| 62 | | 4-Nitroaniline | 0.318 | 0.335 | -5.3 | 96 | 0.00 |
| 63 | | Azobenzene | 1.466 | 1.433 | 2.3 | 97 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 95 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.113 | 0.113 | 0.0 | 91 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.515 | 0.534 | -3.7 | 97 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.219 | 0.228 | -4.1 | 97 | 0.00 |
| 68 | | Hexachlorobenzene | 0.236 | 0.237 | -0.4 | 95 | 0.00 |
| 69 | | Atrazine | 0.182 | 0.162 | 11.0 | 92 | 0.00 |
| 70 | C | Pentachlorophenol | 0.124 | 0.122 | 1.6 | 87 | 0.00 |
| 71 | | Phenanthrene | 0.960 | 0.958 | 0.2 | 96 | 0.00 |
| 72 | | Anthracene | 0.963 | 0.982 | -2.0 | 96 | 0.00 |
| 73 | | Carbazole | 0.882 | 0.879 | 0.3 | 94 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.112 | 1.100 | 1.1 | 93 | 0.00 |
| 75 | C | Fluoranthene | 1.191 | 1.167 | 2.0 | 94 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 92 | 0.00 |
| 77 | | Benzidine | 0.358 | 0.362 | -1.1 | 87 | 0.00 |
| 78 | | Pyrene | 1.394 | 1.421 | -1.9 | 93 | 0.00 |
| 79 | S | Terphenyl-d14 | 1.114 | 1.110 | 0.4 | 93 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.565 | 0.583 | -3.2 | 91 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.392 | 1.416 | -1.7 | 92 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.481 | 0.492 | -2.3 | 90 | 0.00 |
| 83 | | Chrysene | 1.342 | 1.354 | -0.9 | 92 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.829 | 0.852 | -2.8 | 91 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 1.426 | 1.474 | -3.4 | 91 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 91 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.353 | 1.397 | -3.3 | 94 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 1.110 | 1.134 | -2.2 | 91 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 1.144 | 1.168 | -2.1 | 94 | 0.00 |
| 90 | C | Benzo(a)pyrene | 1.093 | 1.136 | -3.9 | 93 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 1.112 | 1.148 | -3.2 | 93 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 1.112 | 1.139 | -2.4 | 92 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082223\
Data File : BG058801.D
Acq On : 22 Aug 2023 9:01
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Aug 22 17:16:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 01:40:57 2023
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 = 0