# Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081022\
Data File : BM036187.D
Acq On : 10 Aug 2022 11:55
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_M
**LabSampleId :**
SSTDCCC040

Quant Time: Aug 10 22:21:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 22:19:26 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 | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 20.000 | 20.000 | 0.0 | 64 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 45.705 | -14.3 | 82 | 0.00 |
| 3 | | Pyridine | 40.000 | 41.923 | -4.8 | 77 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 41.602 | -4.0 | 75 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 83.145 | -3.9 | 73 | 0.00 |
| 6 | | Aniline | 40.000 | 41.581 | -4.0 | 74 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 84.145 | -5.2 | 75 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 40.882 | -2.2 | 71 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 36.687 | 8.3 | 73 | 0.00 |
| 10 | C | Phenol | 40.000 | 41.811 | -4.5 | 75 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 38.002 | 5.0 | 66 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 39.937 | 0.2 | 69 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 40.255 | -0.6 | 70 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 40.101 | -0.3 | 69 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 40.381 | -1.0 | 71 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 37.098 | 7.3 | 63 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 40.893 | -2.2 | 73 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 39.065 | 2.3 | 66 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 38.205 | 4.5 | 66 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 41.087 | -2.7 | 73 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 63 | 0.00 |
| 22 | | Acetophenone | 40.000 | 38.944 | 2.6 | 69 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 79.231 | 1.0 | 70 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 39.538 | 1.2 | 70 | 0.00 |
| 25 | | Isophorone | 40.000 | 37.423 | 6.4 | 66 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 42.677 | -6.7 | 74 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 39.770 | 0.6 | 70 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 35.767 | 10.6 | 62 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 39.552 | 1.1 | 69 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 37.847 | 5.4 | 66 | 0.00 |
| 31 | | Naphthalene | 40.000 | 38.540 | 3.7 | 69 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 42.759 | -6.9 | 75 | 0.00 |
| 33 | | 4-Chloroaniline | 40.000 | 38.752 | 3.1 | 69 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 36.546 | 8.6 | 62 | 0.00 |
| 35 | | Caprolactam | 40.000 | 42.889 | -7.2 | 80 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 39.142 | 2.1 | 70 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 37.349 | 6.6 | 66 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 37.644 | 5.9 | 67 | 0.00 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 62 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 37.348 | 6.6 | 63 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 41.770 | -4.4 | 68 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 76.037 | 5.0 | 67 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 39.054 | 2.4 | 67 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 39.283 | 1.8 | 68 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 74.233 | 7.2 | 64 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 37.540 | 6.2 | 65 | 0.00 |
| 47 | | 2-Chloronaphthalene | 40.000 | 38.181 | 4.5 | 67 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081022\
Data File : BM036187.D
Acq On : 10 Aug 2022 11:55
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_M
**LabSampleId :**
SSTDCCC040

Quant Time: Aug 10 22:21:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 22:19:26 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 | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 40.000 | 42.297 | -5.7 | 76 | 0.00 |
| 49 | | Acenaphthylene | 40.000 | 38.863 | 2.8 | 68 | 0.00 |
| 50 | | Dimethylphthalate | 40.000 | 36.778 | 8.1 | 65 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 39.336 | 1.7 | 68 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 38.654 | 3.4 | 69 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 42.007 | -5.0 | 76 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 45.212 | -13.0 | 80 | 0.00 |
| 55 | | Dibenzofuran | 40.000 | 37.868 | 5.3 | 67 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 45.827 | -14.6 | 83 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 41.264 | -3.2 | 72 | 0.00 |
| 58 | | Fluorene | 40.000 | 37.591 | 6.0 | 68 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 37.763 | 5.6 | 67 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 35.880 | 10.3 | 63 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 35.645 | 10.9 | 62 | 0.00 |
| 62 | | 4-Nitroaniline | 40.000 | 44.217 | -10.5 | 80 | 0.00 |
| 63 | | Azobenzene | 40.000 | 36.879 | 7.8 | 63 | 0.00 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 65 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 43.662 | -9.2 | 77 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 37.015 | 7.5 | 67 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 34.864 | 12.8 | 63 | 0.00 |
| 68 | | Hexachlorobenzene | 40.000 | 36.246 | 9.4 | 66 | 0.00 |
| 69 | | Atrazine | 40.000 | 39.236 | 1.9 | 67 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 39.518 | 1.2 | 71 | 0.00 |
| 71 | | Phenanthrene | 40.000 | 38.144 | 4.6 | 71 | 0.00 |
| 72 | | Anthracene | 40.000 | 38.980 | 2.6 | 72 | 0.00 |
| 73 | | Carbazole | 40.000 | 40.523 | -1.3 | 76 | 0.00 |
| 74 | | Di-n-butylphthalate | 40.000 | 35.268 | 11.8 | 62 | 0.00 |
| 75 | C | Fluoranthene | 40.000 | 40.313 | -0.8 | 76 | 0.00 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 76 | 0.00 |
| 77 | | Benzidine | 40.000 | 62.889 | -57.2# | 124 | 0.00 |
| 78 | | Pyrene | 40.000 | 34.799 | 13.0 | 77 | 0.00 |
| 79 | S | Terphenyl-d14 | 80.000 | 65.931 | 17.6 | 70 | 0.00 |
| 80 | | Butylbenzylphthalate | 40.000 | 35.926 | 10.2 | 75 | 0.00 |
| 81 | | Benzo(a)anthracene | 40.000 | 37.446 | 6.4 | 82 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 42.686 | -6.7 | 91 | 0.00 |
| 83 | | Chrysene | 40.000 | 37.347 | 6.6 | 81 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 32.954 | 17.6 | 67 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 35.672 | 10.8 | 72 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 84 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 39.286 | 1.8 | 94 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 36.605 | 8.5 | 87 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 35.986 | 10.0 | 85 | 0.00 |
| 90 | C | Benzo(a)pyrene | 40.000 | 37.839 | 5.4 | 90 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 39.006 | 2.5 | 93 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 40.117 | -0.3 | 97 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081022\
Data File : BM036187.D
Acq On : 10 Aug 2022 11:55
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_M
**LabSampleId :**
SSTDCCC040

Quant Time: Aug 10 22:21:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 22:19:26 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 | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|

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