# Evaluate Continuing Calibration Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\
Data File : BF120233.D
Acq On : 30 Apr 2020 12:06
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Apr 30 12:42:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 12:39:25 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 | 65 | 0.00 |
| 2 | | 1,4-Dioxane | 0.515 | 0.484 | 6.0 | 60 | 0.00 |
| 3 | | Pyridine | 1.414 | 1.466 | -3.7 | 69 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.723 | 0.747 | -3.3 | 69 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.157 | 1.300 | -12.4 | 75 | 0.00 |
| 6 | | Aniline | 1.957 | 2.036 | -4.0 | 68 | 0.00 |
| 7 | S | Phenol-d6 | 1.491 | 1.600 | -7.3 | 69 | 0.00 |
| 8 | | 2-Chlorophenol | 1.293 | 1.390 | -7.5 | 70 | 0.00 |
| 9 | | Benzaldehyde | 0.824 | 0.854 | -3.6 | 69 | 0.00 |
| 10 | C | Phenol | 1.692 | 1.819 | -7.5 | 70 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.306 | 1.362 | -4.3 | 69 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.416 | 1.514 | -6.9 | 70 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.442 | 1.510 | -4.7 | 70 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.329 | 1.425 | -7.2 | 70 | 0.00 |
| 15 | | Benzyl Alcohol | 1.158 | 1.173 | -1.3 | 66 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 2.542 | 2.408 | 5.3 | 61 | 0.00 |
| 17 | | 2-Methylphenol | 1.154 | 1.202 | -4.2 | 68 | 0.00 |
| 18 | | Hexachloroethane | 0.539 | 0.557 | -3.3 | 67 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 0.959 | 0.969 | -1.0 | 64 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.411 | 1.581 | -12.0 | 70 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 64 | 0.00 |
| 22 | | Acetophenone | 0.468 | 0.507 | -8.3 | 69 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.387 | 0.401 | -3.6 | 68 | 0.00 |
| 24 | | Nitrobenzene | 0.389 | 0.409 | -5.1 | 69 | 0.00 |
| 25 | | Isophorone | 0.745 | 0.730 | 2.0 | 61 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.194 | 0.199 | -2.6 | 62 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.293 | 0.298 | -1.7 | 64 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.439 | 0.445 | -1.4 | 66 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.300 | 0.312 | -4.0 | 68 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.340 | 0.340 | 0.0 | 66 | 0.00 |
| 31 | | Naphthalene | 1.052 | 1.094 | -4.0 | 69 | 0.00 |
| 32 | | Benzoic acid | 0.257 | 0.229 | 10.9 | 59 | 0.00 |
| 33 | | 4-Chloroaniline | 0.458 | 0.460 | -0.4 | 68 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.204 | 0.205 | -0.5 | 66 | 0.00 |
| 35 | | Caprolactam | 0.092 | 0.092 | 0.0 | 68 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 0.325 | 0.327 | -0.6 | 66 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.713 | 0.664 | 6.9 | 62 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.672 | 0.634 | 5.7 | 59 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 64 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.632 | 0.647 | -2.4 | 62 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.359 | 0.324 | 9.7 | 55 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.245 | 0.233 | 4.9 | 59 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.436 | 0.427 | 2.1 | 63 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.491 | 0.486 | 1.0 | 60 | 0.00 |

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|---|---|---|---|---|---|---|---|
| 45 | S | 2-Fluorobiphenyl | 1.409 | 1.475 | -4.7 | 64 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.688 | 1.750 | -3.7 | 64 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.300 | 1.343 | -3.3 | 66 | 0.00 |
| 48 | | 2-Nitroaniline | 0.471 | 0.490 | -4.0 | 68 | 0.00 |
| 49 | | Acenaphthylene | 1.978 | 2.075 | -4.9 | 67 | 0.00 |
| 50 | | Dimethylphthalate | 1.547 | 1.564 | -1.1 | 65 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.339 | 0.341 | -0.6 | 65 | 0.00 |
| 52 | C | Acenaphthene | 1.319 | 1.265 | 4.1 | 63 | 0.00 |
| 53 | | 3-Nitroaniline | 0.387 | 0.420 | -8.5 | 73 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.203 | 0.211 | -3.9 | 67 | 0.00 |
| 55 | | Dibenzofuran | 1.810 | 1.886 | -4.2 | 67 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.288 | 0.260 | 9.7 | 59 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.446 | 0.461 | -3.4 | 67 | 0.00 |
| 58 | | Fluorene | 1.448 | 1.499 | -3.5 | 70 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.376 | 0.368 | 2.1 | 63 | 0.00 |
| 60 | | Diethylphthalate | 1.603 | 1.644 | -2.6 | 67 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.742 | 0.753 | -1.5 | 68 | 0.00 |
| 62 | | 4-Nitroaniline | 0.369 | 0.429 | -16.3 | 75 | 0.00 |
| 63 | | Azobenzene | 1.437 | 1.519 | -5.7 | 68 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 68 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.132 | 0.128 | 3.0 | 65 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.665 | 0.684 | -2.9 | 71 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.249 | 0.232 | 6.8 | 63 | 0.00 |
| 68 | | Hexachlorobenzene | 0.252 | 0.242 | 4.0 | 65 | 0.00 |
| 69 | | Atrazine | 0.185 | 0.180 | 2.7 | 63 | 0.00 |
| 70 | C | Pentachlorophenol | 0.145 | 0.127 | 12.4 | 57 | 0.00 |
| 71 | | Phenanthrene | 1.064 | 1.107 | -4.0 | 71 | 0.00 |
| 72 | | Anthracene | 1.087 | 1.134 | -4.3 | 71 | 0.00 |
| 73 | | Carbazole | 1.028 | 1.095 | -6.5 | 72 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.352 | 1.348 | 0.3 | 66 | 0.00 |
| 75 | C | Fluoranthene | 1.148 | 1.215 | -5.8 | 74 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 91 | 0.00 |
| 77 | | Benzidine | 0.676 | 0.660 | 2.4 | 92 | 0.00 |
| 78 | | Pyrene | 1.686 | 1.428 | 15.3 | 71 | 0.00 |
| 79 | S | Terphenyl-d14 | 1.189 | 0.938 | 21.1 | 66 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.818 | 0.707 | 13.6 | 75 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.316 | 1.334 | -1.4 | 94 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.491 | 0.504 | -2.6 | 93 | 0.00 |
| 83 | | Chrysene | 1.337 | 1.368 | -2.3 | 95 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 1.108 | 0.952 | 14.1 | 79 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 1.886 | 1.752 | 7.1 | 85 | 0.00 |
| 86 | | Indeno(1,2,3-cd)pyrene | 1.178 | 1.417 | -20.3 | 102 | 0.00 |
| 87 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 107 | 0.00 |

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|---|---|---|---|---|---|---|
| 88 | Benzo(b)fluoranthene | 1.439 | 1.418 | 1.5 | 113 | 0.00 |
| 89 | Benzo(k)fluoranthene | 1.241 | 1.132 | 8.8 | 86 | 0.00 |
| 90 C | Benzo(a)pyrene | 1.210 | 1.205 | 0.4 | 108 | 0.00 |
| 91 | Dibenzo(a,h)anthracene | 1.072 | 1.107 | -3.3 | 100 | 0.00 |
| 92 | Benzo(g,h,i)perylene | 1.058 | 1.172 | -10.8 | 113 | 0.00 |

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