# Evaluate Continuing Calibration Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
Data File : BP002314.D
Acq On : 29 May 2020 14:38
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_P
**LabSampleId :** SSTDCCC040

Quant Time: May 29 15:14:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 15:09:03 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 | 102 | 0.00 |
| 2 | | 1,4-Dioxane | 0.490 | 0.508 | -3.7 | 99 | 0.00 |
| 3 | | Pyridine | 1.402 | 1.529 | -9.1 | 108 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.540 | 0.575 | -6.5 | 99 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.065 | 1.136 | -6.7 | 100 | 0.00 |
| 6 | | Aniline | 2.002 | 2.105 | -5.1 | 98 | 0.00 |
| 7 | S | Phenol-d6 | 1.449 | 1.544 | -6.6 | 99 | 0.00 |
| 8 | | 2-Chlorophenol | 1.219 | 1.289 | -5.7 | 98 | 0.00 |
| 9 | | Benzaldehyde | 0.810 | 0.835 | -3.1 | 92 | 0.00 |
| 10 | C | Phenol | 1.594 | 1.666 | -4.5 | 97 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.327 | 1.379 | -3.9 | 97 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.396 | 1.426 | -2.1 | 97 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.402 | 1.449 | -3.4 | 97 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.341 | 1.385 | -3.3 | 97 | 0.00 |
| 15 | | Benzyl Alcohol | 1.101 | 1.169 | -6.2 | 97 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 1.831 | 1.927 | -5.2 | 97 | 0.00 |
| 17 | | 2-Methylphenol | 1.138 | 1.194 | -4.9 | 96 | 0.00 |
| 18 | | Hexachloroethane | 0.502 | 0.523 | -4.2 | 96 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 0.961 | 1.010 | -5.1 | 94 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.547 | 1.626 | -5.1 | 96 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 101 | 0.00 |
| 22 | | Acetophenone | 0.457 | 0.474 | -3.7 | 95 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.333 | 0.349 | -4.8 | 95 | 0.00 |
| 24 | | Nitrobenzene | 0.363 | 0.376 | -3.6 | 95 | 0.00 |
| 25 | | Isophorone | 0.683 | 0.714 | -4.5 | 96 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.155 | 0.166 | -7.1 | 97 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.254 | 0.264 | -3.9 | 97 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.416 | 0.422 | -1.4 | 94 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.280 | 0.288 | -2.9 | 96 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.316 | 0.320 | -1.3 | 96 | 0.00 |
| 31 | | Naphthalene | 0.938 | 0.961 | -2.5 | 96 | 0.00 |
| 32 | | Benzoic acid | 0.182 | 0.209 | -14.8 | 97 | 0.00 |
| 33 | | 4-Chloroaniline | 0.412 | 0.426 | -3.4 | 97 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.184 | 0.187 | -1.6 | 98 | 0.00 |
| 35 | | Caprolactam | 0.097 | 0.103 | -6.2 | 96 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 0.302 | 0.316 | -4.6 | 95 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.658 | 0.674 | -2.4 | 95 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.624 | 0.638 | -2.2 | 95 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 103 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.531 | 0.531 | 0.0 | 95 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.283 | 0.293 | -3.5 | 100 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.190 | 0.192 | -1.1 | 98 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.368 | 0.382 | -3.8 | 98 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.427 | 0.439 | -2.8 | 97 | 0.00 |

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| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 45 | S | 2-Fluorobiphenyl | 1.133 | 1.176 | -3.8 | 97 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.311 | 1.347 | -2.7 | 97 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.081 | 1.108 | -2.5 | 96 | 0.00 |
| 48 | | 2-Nitroaniline | 0.332 | 0.351 | -5.7 | 94 | 0.00 |
| 49 | | Acenaphthylene | 1.713 | 1.722 | -0.5 | 94 | 0.00 |
| 50 | | Dimethylphthalate | 1.354 | 1.359 | -0.4 | 94 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.294 | 0.303 | -3.1 | 95 | 0.00 |
| 52 | C | Acenaphthene | 1.102 | 1.123 | -1.9 | 94 | 0.00 |
| 53 | | 3-Nitroaniline | 0.336 | 0.349 | -3.9 | 95 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.148 | 0.167 | -12.8 | 102 | 0.00 |
| 55 | | Dibenzofuran | 1.630 | 1.640 | -0.6 | 95 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.266 | 0.279 | -4.9 | 95 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.395 | 0.407 | -3.0 | 94 | 0.00 |
| 58 | | Fluorene | 1.209 | 1.195 | 1.2 | 96 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.340 | 0.357 | -5.0 | 98 | 0.00 |
| 60 | | Diethylphthalate | 1.339 | 1.354 | -1.1 | 95 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.638 | 0.627 | 1.7 | 96 | 0.00 |
| 62 | | 4-Nitroaniline | 0.311 | 0.332 | -6.8 | 99 | 0.00 |
| 63 | | Azobenzene | 1.373 | 1.401 | -2.0 | 94 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 104 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.099 | 0.109 | -10.1 | 102 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.525 | 0.535 | -1.9 | 95 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.197 | 0.201 | -2.0 | 98 | 0.00 |
| 68 | | Hexachlorobenzene | 0.208 | 0.208 | 0.0 | 97 | 0.00 |
| 69 | | Atrazine | 0.168 | 0.178 | -6.0 | 96 | 0.00 |
| 70 | C | Pentachlorophenol | 0.127 | 0.135 | -6.3 | 100 | 0.00 |
| 71 | | Phenanthrene | 0.947 | 0.972 | -2.6 | 97 | 0.00 |
| 72 | | Anthracene | 0.932 | 0.968 | -3.9 | 96 | 0.00 |
| 73 | | Carbazole | 0.912 | 0.953 | -4.5 | 98 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.037 | 1.111 | -7.1 | 98 | 0.00 |
| 75 | C | Fluoranthene | 1.091 | 1.168 | -7.1 | 100 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 107 | 0.00 |
| 77 | | Benzidine | 0.406 | 0.573 | -41.1# | 132 | 0.00 |
| 78 | | Pyrene | 1.245 | 1.299 | -4.3 | 102 | 0.00 |
| 79 | S | Terphenyl-d14 | 0.826 | 0.810 | 1.9 | 99 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.496 | 0.565 | -13.9 | 109 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.145 | 1.185 | -3.5 | 101 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.401 | 0.456 | -13.7 | 108 | 0.00 |
| 83 | | Chrysene | 1.099 | 1.136 | -3.4 | 100 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.758 | 0.814 | -7.4 | 99 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 1.259 | 1.447 | -14.9 | 105 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 111 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.238 | 1.276 | -3.1 | 104 | 0.00 |

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|---|---|---|---|---|---|---|
| 88 | Benzo(b)fluoranthene | 1.090 | 1.122 | -2.9 | 103 | 0.00 |
| 89 | Benzo(k)fluoranthene | 1.046 | 1.054 | -0.8 | 101 | 0.00 |
| 90 C | Benzo(a)pyrene | 1.011 | 1.038 | -2.7 | 102 | 0.00 |
| 91 | Dibenzo(a,h)anthracene | 1.009 | 1.032 | -2.3 | 102 | 0.00 |
| 92 | Benzo(g,h,i)perylene | 1.030 | 1.051 | -2.0 | 104 | 0.00 |

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