# Evaluate Continuing Calibration Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062320\
Data File : BP002492.D
Acq On : 23 Jun 2020 08:46
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jun 23 11:50:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:08:53 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 | 103 | 0.00 |
| 2 | | 1,4-Dioxane | 0.498 | 0.508 | -2.0 | 103 | 0.00 |
| 3 | | Pyridine | 1.353 | 1.386 | -2.4 | 105 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.558 | 0.607 | -8.8 | 106 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.081 | 1.055 | 2.4 | 97 | 0.00 |
| 6 | | Aniline | 1.957 | 1.913 | 2.2 | 95 | 0.00 |
| 7 | S | Phenol-d6 | 1.439 | 1.400 | 2.7 | 95 | 0.00 |
| 8 | | 2-Chlorophenol | 1.215 | 1.187 | 2.3 | 95 | 0.00 |
| 9 | | Benzaldehyde | 0.735 | 0.817 | -11.2 | 104 | 0.00 |
| 10 | C | Phenol | 1.561 | 1.529 | 2.0 | 96 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.303 | 1.263 | 3.1 | 95 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.399 | 1.361 | 2.7 | 97 | -0.01 |
| 13 | C | 1,4-Dichlorobenzene | 1.408 | 1.367 | 2.9 | 96 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.349 | 1.308 | 3.0 | 96 | 0.00 |
| 15 | | Benzyl Alcohol | 1.115 | 1.160 | -4.0 | 100 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 1.849 | 1.830 | 1.0 | 98 | -0.01 |
| 17 | | 2-Methylphenol | 1.140 | 1.131 | 0.8 | 96 | 0.00 |
| 18 | | Hexachloroethane | 0.513 | 0.517 | -0.8 | 100 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 0.962 | 0.953 | 0.9 | 96 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.539 | 1.526 | 0.8 | 96 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 99 | 0.00 |
| 22 | | Acetophenone | 0.449 | 0.440 | 2.0 | 95 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.335 | 0.346 | -3.3 | 100 | 0.00 |
| 24 | | Nitrobenzene | 0.360 | 0.372 | -3.3 | 100 | 0.00 |
| 25 | | Isophorone | 0.682 | 0.697 | -2.2 | 98 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.160 | 0.168 | -5.0 | 99 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.252 | 0.249 | 1.2 | 95 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.406 | 0.404 | 0.5 | 97 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.283 | 0.281 | 0.7 | 95 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.316 | 0.310 | 1.9 | 95 | 0.00 |
| 31 | | Naphthalene | 0.929 | 0.898 | 3.3 | 95 | 0.00 |
| 32 | | Benzoic acid | 0.191 | 0.204 | -6.8 | 92 | 0.02 |
| 33 | | 4-Chloroaniline | 0.406 | 0.403 | 0.7 | 94 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.184 | 0.187 | -1.6 | 100 | 0.00 |
| 35 | | Caprolactam | 0.100 | 0.103 | -3.0 | 94 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 0.307 | 0.312 | -1.6 | 96 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.659 | 0.646 | 2.0 | 95 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.619 | 0.609 | 1.6 | 95 | -0.01 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 96 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.527 | 0.536 | -1.7 | 96 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.280 | 0.289 | -3.2 | 94 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.191 | 0.197 | -3.1 | 95 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.373 | 0.384 | -2.9 | 95 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.432 | 0.447 | -3.5 | 95 | 0.00 |

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|---|---|---|---|---|---|---|---|
| 45 | S | 2-Fluorobiphenyl | 1.189 | 1.116 | 6.1 | 93 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.311 | 1.272 | 3.0 | 91 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.072 | 1.057 | 1.4 | 93 | 0.00 |
| 48 | | 2-Nitroaniline | 0.342 | 0.381 | -11.4 | 100 | 0.00 |
| 49 | | Acenaphthylene | 1.711 | 1.658 | 3.1 | 90 | 0.00 |
| 50 | | Dimethylphthalate | 1.370 | 1.355 | 1.1 | 92 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.298 | 0.306 | -2.7 | 93 | 0.00 |
| 52 | C | Acenaphthene | 1.002 | 0.975 | 2.7 | 92 | 0.00 |
| 53 | | 3-Nitroaniline | 0.340 | 0.344 | -1.2 | 90 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.163 | 0.175 | -7.4 | 92 | 0.00 |
| 55 | | Dibenzofuran | 1.614 | 1.553 | 3.8 | 89 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.270 | 0.273 | -1.1 | 88 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.405 | 0.411 | -1.5 | 89 | 0.00 |
| 58 | | Fluorene | 1.270 | 1.118 | 12.0 | 91 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.343 | 0.346 | -0.9 | 91 | 0.00 |
| 60 | | Diethylphthalate | 1.373 | 1.356 | 1.2 | 91 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.615 | 0.591 | 3.9 | 92 | 0.00 |
| 62 | | 4-Nitroaniline | 0.327 | 0.340 | -4.0 | 93 | 0.00 |
| 63 | | Azobenzene | 1.367 | 1.384 | -1.2 | 95 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 100 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.106 | 0.103 | 2.8 | 90 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.511 | 0.466 | 8.8 | 91 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.189 | 0.177 | 6.3 | 91 | 0.00 |
| 68 | | Hexachlorobenzene | 0.201 | 0.184 | 8.5 | 91 | 0.00 |
| 69 | | Atrazine | 0.167 | 0.149 | 10.8 | 86 | 0.00 |
| 70 | C | Pentachlorophenol | 0.120 | 0.116 | 3.3 | 89 | 0.00 |
| 71 | | Phenanthrene | 0.936 | 0.894 | 4.5 | 95 | 0.00 |
| 72 | | Anthracene | 0.929 | 0.891 | 4.1 | 96 | 0.00 |
| 73 | | Carbazole | 0.914 | 0.882 | 3.5 | 95 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.082 | 1.075 | 0.6 | 97 | 0.00 |
| 75 | C | Fluoranthene | 1.117 | 1.118 | -0.1 | 98 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 104 | 0.00 |
| 77 | | Benzidine | 0.447 | 0.400 | 10.5 | 83 | 0.00 |
| 78 | | Pyrene | 1.225 | 1.216 | 0.7 | 99 | 0.00 |
| 79 | S | Terphenyl-d14 | 0.763 | 0.778 | -2.0 | 103 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.545 | 0.528 | 3.1 | 94 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.142 | 1.137 | 0.4 | 101 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.424 | 0.438 | -3.3 | 98 | 0.00 |
| 83 | | Chrysene | 1.082 | 1.057 | 2.3 | 99 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.792 | 0.716 | 9.6 | 90 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 1.389 | 1.301 | 6.3 | 92 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 99 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.251 | 1.147 | 8.3 | 89 | 0.00 |

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|---|---|---|---|---|---|---|
| 88 | Benzo(b)fluoranthene | 1.079 | 1.152 | -6.8 | 100 | 0.00 |
| 89 | Benzo(k)fluoranthene | 1.025 | 0.975 | 4.9 | 96 | 0.00 |
| 90 C | Benzo(a)pyrene | 1.011 | 0.998 | 1.3 | 95 | 0.00 |
| 91 | Dibenzo(a,h)anthracene | 1.003 | 0.927 | 7.6 | 89 | 0.00 |
| 92 | Benzo(g,h,i)perylene | 1.039 | 0.955 | 8.1 | 88 | 0.00 |

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