# Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071421\
Data File : BP006215.D
Acq On : 14 Jul 2021 13:05
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jul 14 13:35:10 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 12 14:59:51 2021
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 | 100 | 0.00 |
| 2 | | 1,4-Dioxane | 0.456 | 0.479 | -5.0 | 108 | 0.01 |
| 3 | | Pyridine | 1.159 | 1.275 | -10.0 | 108 | 0.01 |
| 4 | | n-Nitrosodimethylamine | 0.456 | 0.500 | -9.6 | 112 | 0.01 |
| 5 | S | 2-Fluorophenol | 1.162 | 1.230 | -5.9 | 106 | 0.00 |
| 6 | | Aniline | 1.622 | 1.700 | -4.8 | 106 | 0.00 |
| 7 | S | Phenol-d6 | 1.537 | 1.617 | -5.2 | 105 | 0.00 |
| 8 | | 2-Chlorophenol | 1.361 | 1.418 | -4.2 | 104 | 0.01 |
| 9 | | Benzaldehyde | 0.839 | 0.873 | -4.1 | 104 | 0.00 |
| 10 | C | Phenol | 1.477 | 1.562 | -5.8 | 106 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.116 | 1.179 | -5.6 | 105 | 0.01 |
| 12 | | 1,3-Dichlorobenzene | 1.459 | 1.505 | -3.2 | 104 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.490 | 1.523 | -2.2 | 102 | 0.01 |
| 14 | | 1,2-Dichlorobenzene | 1.418 | 1.469 | -3.6 | 103 | 0.00 |
| 15 | | Benzyl Alcohol | 0.930 | 0.983 | -5.7 | 103 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 1.325 | 1.385 | -4.5 | 108 | 0.01 |
| 17 | | 2-Methylphenol | 1.005 | 1.065 | -6.0 | 105 | 0.00 |
| 18 | | Hexachloroethane | 0.496 | 0.516 | -4.0 | 104 | 0.01 |
| 19 | P | n-Nitroso-di-n-propylamine | 0.838 | 0.894 | -6.7 | 108 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.357 | 1.471 | -8.4 | 107 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 98 | 0.01 |
| 22 | | Acetophenone | 0.455 | 0.483 | -6.2 | 103 | 0.01 |
| 23 | S | Nitrobenzene-d5 | 0.317 | 0.341 | -7.6 | 105 | 0.01 |
| 24 | | Nitrobenzene | 0.320 | 0.344 | -7.5 | 107 | 0.00 |
| 25 | | Isophorone | 0.601 | 0.641 | -6.7 | 104 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.178 | 0.197 | -10.7 | 103 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.263 | 0.283 | -7.6 | 102 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.333 | 0.359 | -7.8 | 105 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.289 | 0.311 | -7.6 | 102 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.307 | 0.321 | -4.6 | 100 | 0.00 |
| 31 | | Naphthalene | 1.043 | 1.085 | -4.0 | 102 | 0.00 |
| 32 | | Benzoic acid | 0.177 | 0.208 | -17.5 | 111 | 0.00 |
| 33 | | 4-Chloroaniline | 0.402 | 0.434 | -8.0 | 102 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.169 | 0.175 | -3.6 | 97 | 0.00 |
| 35 | | Caprolactam | 0.091 | 0.102 | -12.1 | 107 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 0.312 | 0.333 | -6.7 | 103 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.723 | 0.748 | -3.5 | 101 | 0.01 |
| 38 | | 1-Methylnaphthalene | 0.685 | 0.706 | -3.1 | 100 | 0.01 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 87 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.496 | 0.579 | -16.7 | 97 | 0.01 |
| 41 | P | Hexachlorocyclopentadiene | 0.076 | 0.064 | 15.8 | 71 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.238 | 0.242 | -1.7 | 81 | 0.01 |
| 43 | C | 2,4,6-Trichlorophenol | 0.359 | 0.428 | -19.2 | 99 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.385 | 0.460 | -19.5 | 99 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.353 | 1.554 | -14.9 | 99 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.502 | 1.670 | -11.2 | 96 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.155 | 1.284 | -11.2 | 96 | 0.01 |

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| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 0.287 | 0.336 | -17.1 | 100 | 0.00 |
| 49 | | Acenaphthylene | 1.860 | 1.967 | -5.8 | 91 | 0.00 |
| 50 | | Dimethylphthalate | 1.438 | 1.495 | -4.0 | 90 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.324 | 0.346 | -6.8 | 90 | 0.00 |
| 52 | C | Acenaphthene | 1.131 | 1.184 | -4.7 | 91 | 0.00 |
| 53 | | 3-Nitroaniline | 0.328 | 0.362 | -10.4 | 91 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.132 | 0.153 | -15.9 | 94 | 0.00 |
| 55 | | Dibenzofuran | 1.761 | 1.846 | -4.8 | 90 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.209 | 0.215 | -2.9 | 86 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.437 | 0.482 | -10.3 | 91 | 0.00 |
| 58 | | Fluorene | 1.415 | 1.473 | -4.1 | 90 | 0.01 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.301 | 0.317 | -5.3 | 86 | 0.00 |
| 60 | | Diethylphthalate | 1.475 | 1.553 | -5.3 | 92 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.620 | 0.640 | -3.2 | 87 | 0.00 |
| 62 | | 4-Nitroaniline | 0.302 | 0.345 | -14.2 | 92 | 0.00 |
| 63 | | Azobenzene | 1.231 | 1.340 | -8.9 | 96 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 84 | 0.01 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.121 | 0.131 | -8.3 | 87 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.651 | 0.699 | -7.4 | 89 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.197 | 0.205 | -4.1 | 83 | 0.00 |
| 68 | | Hexachlorobenzene | 0.234 | 0.239 | -2.1 | 82 | 0.00 |
| 69 | | Atrazine | 0.204 | 0.219 | -7.4 | 88 | 0.00 |
| 70 | C | Pentachlorophenol | 0.108 | 0.114 | -5.6 | 84 | 0.00 |
| 71 | | Phenanthrene | 1.130 | 1.185 | -4.9 | 88 | 0.00 |
| 72 | | Anthracene | 1.107 | 1.178 | -6.4 | 89 | 0.01 |
| 73 | | Carbazole | 1.097 | 1.179 | -7.5 | 90 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.320 | 1.438 | -8.9 | 91 | 0.01 |
| 75 | C | Fluoranthene | 1.238 | 1.266 | -2.3 | 85 | 0.01 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 81 | 0.01 |
| 77 | | Benzidine | 0.593 | 0.647 | -9.1 | 81 | 0.00 |
| 78 | | Pyrene | 1.352 | 1.428 | -5.6 | 85 | 0.01 |
| 79 | S | Terphenyl-d14 | 1.014 | 1.077 | -6.2 | 83 | 0.01 |
| 80 | | Butylbenzylphthalate | 0.671 | 0.735 | -9.5 | 89 | 0.01 |
| 81 | | Benzo(a)anthracene | 1.265 | 1.331 | -5.2 | 84 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.371 | 0.394 | -6.2 | 82 | 0.01 |
| 83 | | Chrysene | 1.250 | 1.305 | -4.4 | 84 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.990 | 1.095 | -10.6 | 91 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 1.743 | 1.965 | -12.7 | 94 | 0.01 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 82 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.475 | 1.564 | -6.0 | 85 | 0.02 |
| 88 | | Benzo(b)fluoranthene | 1.213 | 1.301 | -7.3 | 84 | 0.01 |
| 89 | | Benzo(k)fluoranthene | 1.186 | 1.238 | -4.4 | 87 | 0.01 |
| 90 | C | Benzo(a)pyrene | 1.138 | 1.195 | -5.0 | 85 | 0.01 |
| 91 | | Dibenzo(a,h)anthracene | 1.270 | 1.352 | -6.5 | 85 | 0.02 |
| 92 | | Benzo(g,h,i)perylene | 1.250 | 1.309 | -4.7 | 85 | 0.02 |

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