# Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071522\
Data File : BM035824.D
Acq On : 15 Jul 2022 09:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jul 15 23:45:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 14 01:21:21 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 | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 124 | 0.00 |
| 2 | | 1,4-Dioxane | 0.519 | 0.496 | 4.4 | 122 | 0.00 |
| 3 | | Pyridine | 1.348 | 1.374 | -1.9 | 128 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.593 | 0.577 | 2.7 | 122 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.231 | 1.257 | -2.1 | 126 | 0.00 |
| 6 | | Aniline | 1.721 | 1.774 | -3.1 | 130 | 0.00 |
| 7 | S | Phenol-d6 | 1.540 | 1.622 | -5.3 | 130 | 0.00 |
| 8 | | 2-Chlorophenol | 1.282 | 1.311 | -2.3 | 127 | 0.00 |
| 9 | | Benzaldehyde | 0.841 | 0.834 | 0.8 | 134 | 0.00 |
| 10 | C | Phenol | 1.551 | 1.617 | -4.3 | 130 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.279 | 1.282 | -0.2 | 127 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.470 | 1.422 | 3.3 | 122 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.497 | 1.455 | 2.8 | 123 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.445 | 1.393 | 3.6 | 122 | 0.00 |
| 15 | | Benzyl Alcohol | 0.990 | 1.083 | -9.4 | 136 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 1.651 | 1.688 | -2.2 | 130 | 0.00 |
| 17 | | 2-Methylphenol | 1.000 | 1.049 | -4.9 | 130 | 0.00 |
| 18 | | Hexachloroethane | 0.527 | 0.532 | -0.9 | 127 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 0.884 | 0.970 | -9.7 | 134 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.338 | 1.447 | -8.1 | 134 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 127 | 0.00 |
| 22 | | Acetophenone | 0.483 | 0.490 | -1.4 | 130 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.350 | 0.371 | -6.0 | 132 | 0.00 |
| 24 | | Nitrobenzene | 0.330 | 0.343 | -3.9 | 131 | 0.00 |
| 25 | | Isophorone | 0.554 | 0.613 | -10.6 | 136 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.121 | 0.167 | -38.0# | 167# | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.238 | 0.255 | -7.1 | 134 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.391 | 0.410 | -4.9 | 132 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.260 | 0.283 | -8.8 | 133 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.322 | 0.316 | 1.9 | 126 | 0.00 |
| 31 | | Naphthalene | 1.010 | 0.997 | 1.3 | 127 | 0.00 |
| 32 | | Benzoic acid | 0.139 | 0.216 | -55.4# | 193# | 0.01 |
| 33 | | 4-Chloroaniline | 0.399 | 0.419 | -5.0 | 131 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.186 | 0.180 | 3.2 | 125 | 0.00 |
| 35 | | Caprolactam | 0.073 | 0.096 | -31.5# | 164# | 0.01 |
| 36 | C | 4-Chloro-3-methylphenol | 0.263 | 0.298 | -13.3 | 138 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.664 | 0.675 | -1.7 | 129 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.647 | 0.655 | -1.2 | 128 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 133 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.579 | 0.545 | 5.9 | 126 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.302 | 0.300 | 0.7 | 131 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.203 | 0.238 | -17.2 | 150 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.337 | 0.379 | -12.5 | 142 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.362 | 0.399 | -10.2 | 143 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.434 | 1.354 | 5.6 | 126 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.519 | 1.459 | 3.9 | 130 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.163 | 1.119 | 3.8 | 130 | 0.00 |

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|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 0.266 | 0.328 | -23.3 | 154# | 0.00 |
| 49 | | Acenaphthylene | 1.758 | 1.763 | -0.3 | 132 | 0.00 |
| 50 | | Dimethylphthalate | 1.289 | 1.331 | -3.3 | 137 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.255 | 0.287 | -12.5 | 140 | 0.00 |
| 52 | C | Acenaphthene | 1.073 | 1.058 | 1.4 | 132 | 0.00 |
| 53 | | 3-Nitroaniline | 0.300 | 0.347 | -15.7 | 144 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.097 | 0.145 | -49.5# | 205# | 0.00 |
| 55 | | Dibenzofuran | 1.735 | 1.693 | 2.4 | 131 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.233 | 0.280 | -20.2 | 157# | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.323 | 0.388 | -20.1 | 146 | 0.00 |
| 58 | | Fluorene | 1.377 | 1.358 | 1.4 | 130 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.298 | 0.334 | -12.1 | 142 | 0.00 |
| 60 | | Diethylphthalate | 1.268 | 1.354 | -6.8 | 139 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.683 | 0.667 | 2.3 | 129 | 0.00 |
| 62 | | 4-Nitroaniline | 0.310 | 0.367 | -18.4 | 145 | 0.00 |
| 63 | | Azobenzene | 1.314 | 1.360 | -3.5 | 135 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 135 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.075 | 0.102 | -36.0# | 182# | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.572 | 0.579 | -1.2 | 135 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.198 | 0.201 | -1.5 | 138 | 0.00 |
| 68 | | Hexachlorobenzene | 0.234 | 0.232 | 0.9 | 135 | 0.00 |
| 69 | | Atrazine | 0.148 | 0.162 | -9.5 | 139 | 0.00 |
| 70 | C | Pentachlorophenol | 0.121 | 0.141 | -16.5 | 153# | 0.00 |
| 71 | | Phenanthrene | 1.051 | 1.032 | 1.8 | 134 | 0.00 |
| 72 | | Anthracene | 1.011 | 1.018 | -0.7 | 134 | 0.00 |
| 73 | | Carbazole | 1.017 | 1.032 | -1.5 | 136 | 0.00 |
| 74 | | Di-n-butylphthalate | 0.989 | 1.133 | -14.6 | 145 | 0.00 |
| 75 | C | Fluoranthene | 1.175 | 1.169 | 0.5 | 132 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 129 | 0.00 |
| 77 | | Benzidine | 0.280 | 0.395 | -41.1# | 147 | 0.00 |
| 78 | | Pyrene | 1.256 | 1.283 | -2.1 | 133 | 0.00 |
| 79 | S | Terphenyl-d14 | 1.030 | 1.028 | 0.2 | 126 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.382 | 0.504 | -31.9# | 158# | 0.00 |
| 81 | | Benzo(a)anthracene | 1.255 | 1.275 | -1.6 | 131 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.254 | 0.313 | -23.2 | 151# | 0.00 |
| 83 | | Chrysene | 1.211 | 1.197 | 1.2 | 129 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.595 | 0.720 | -21.0 | 144 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 0.979 | 1.158 | -18.3 | 150 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 137 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.456 | 1.461 | -0.3 | 134 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 1.208 | 1.198 | 0.8 | 136 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 1.263 | 1.196 | 5.3 | 127 | 0.00 |
| 90 | C | Benzo(a)pyrene | 1.011 | 1.013 | -0.2 | 135 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 1.208 | 1.212 | -0.3 | 135 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 1.192 | 1.184 | 0.7 | 134 | 0.00 |

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(#) = Out of Range SPCC's out = 0 CCC's out = 1