# Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080122\
Data File : BM036035.D
Acq On : 01 Aug 2022 17:29
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
ICVBM080122

Quant Time: Aug 01 18:53:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 17:50:14 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 | 80 | 0.00 |
| 2 | | 1,4-Dioxane | 0.497 | 0.455 | 8.5 | 82 | 0.00 |
| 3 | | Pyridine | 1.333 | 1.223 | 8.3 | 84 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.548 | 0.498 | 9.1 | 82 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.234 | 1.139 | 7.7 | 82 | 0.00 |
| 6 | | Aniline | 1.738 | 1.604 | 7.7 | 82 | 0.00 |
| 7 | S | Phenol-d6 | 1.570 | 1.443 | 8.1 | 82 | 0.00 |
| 8 | | 2-Chlorophenol | 1.315 | 1.213 | 7.8 | 81 | 0.00 |
| 9 | | Benzaldehyde | 0.831 | 0.691 | 16.8 | 83 | 0.00 |
| 10 | C | Phenol | 1.580 | 1.459 | 7.7 | 82 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.302 | 1.181 | 9.3 | 79 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.458 | 1.336 | 8.4 | 79 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.486 | 1.359 | 8.5 | 79 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.434 | 1.322 | 7.8 | 80 | 0.00 |
| 15 | | Benzyl Alcohol | 1.053 | 0.967 | 8.2 | 81 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 1.731 | 1.564 | 9.6 | 77 | 0.00 |
| 17 | | 2-Methylphenol | 1.046 | 0.965 | 7.7 | 82 | 0.00 |
| 18 | | Hexachloroethane | 0.535 | 0.493 | 7.9 | 78 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 0.953 | 0.884 | 7.2 | 81 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.421 | 1.312 | 7.7 | 82 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 81 | 0.00 |
| 22 | | Acetophenone | 0.473 | 0.417 | 11.8 | 80 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.357 | 0.318 | 10.9 | 81 | 0.00 |
| 24 | | Nitrobenzene | 0.336 | 0.299 | 11.0 | 81 | 0.00 |
| 25 | | Isophorone | 0.581 | 0.511 | 12.0 | 79 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.158 | 0.144 | 8.9 | 81 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.245 | 0.218 | 11.0 | 81 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.414 | 0.360 | 13.0 | 78 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.276 | 0.248 | 10.1 | 81 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.313 | 0.275 | 12.1 | 79 | 0.00 |
| 31 | | Naphthalene | 0.994 | 0.870 | 12.5 | 80 | 0.00 |
| 32 | | Benzoic acid | 0.195 | 0.180 | 7.7 | 84 | 0.00 |
| 33 | | 4-Chloroaniline | 0.401 | 0.356 | 11.2 | 82 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.184 | 0.163 | 11.4 | 77 | 0.00 |
| 35 | | Caprolactam | 0.085 | 0.079 | 7.1 | 89 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 0.290 | 0.259 | 10.7 | 83 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.662 | 0.583 | 11.9 | 80 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.648 | 0.570 | 12.0 | 81 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 82 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.542 | 0.468 | 13.7 | 79 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.287 | 0.254 | 11.5 | 77 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.235 | 0.212 | 9.8 | 85 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.369 | 0.327 | 11.4 | 81 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.389 | 0.348 | 10.5 | 82 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.355 | 1.172 | 13.5 | 80 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.458 | 1.255 | 13.9 | 80 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.116 | 0.962 | 13.8 | 81 | 0.00 |

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|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 0.304 | 0.275 | 9.5 | 87 | 0.00 |
| 49 | | Acenaphthylene | 1.724 | 1.517 | 12.0 | 83 | 0.00 |
| 50 | | Dimethylphthalate | 1.360 | 1.185 | 12.9 | 83 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.273 | 0.248 | 9.2 | 84 | 0.00 |
| 52 | C | Acenaphthene | 1.128 | 0.985 | 12.7 | 83 | 0.00 |
| 53 | | 3-Nitroaniline | 0.318 | 0.292 | 8.2 | 88 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.144 | 0.133 | 7.6 | 88 | 0.00 |
| 55 | | Dibenzofuran | 1.689 | 1.471 | 12.9 | 83 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.255 | 0.239 | 6.3 | 91 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.358 | 0.330 | 7.8 | 87 | 0.00 |
| 58 | | Fluorene | 1.332 | 1.159 | 13.0 | 84 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.330 | 0.295 | 10.6 | 85 | 0.00 |
| 60 | | Diethylphthalate | 1.398 | 1.228 | 12.2 | 83 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.664 | 0.579 | 12.8 | 82 | 0.00 |
| 62 | | 4-Nitroaniline | 0.328 | 0.309 | 5.8 | 92 | 0.00 |
| 63 | | Azobenzene | 1.329 | 1.176 | 11.5 | 82 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 87 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.102 | 0.094 | 7.8 | 87 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.565 | 0.487 | 13.8 | 84 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.200 | 0.172 | 14.0 | 84 | 0.00 |
| 68 | | Hexachlorobenzene | 0.230 | 0.199 | 13.5 | 84 | 0.00 |
| 69 | | Atrazine | 0.158 | 0.151 | 4.4 | 87 | 0.00 |
| 70 | C | Pentachlorophenol | 0.134 | 0.122 | 9.0 | 88 | 0.00 |
| 71 | | Phenanthrene | 1.019 | 0.884 | 13.2 | 87 | 0.00 |
| 72 | | Anthracene | 0.986 | 0.869 | 11.9 | 87 | 0.00 |
| 73 | | Carbazole | 1.000 | 0.895 | 10.5 | 91 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.193 | 1.067 | 10.6 | 85 | 0.00 |
| 75 | C | Fluoranthene | 1.141 | 1.023 | 10.3 | 91 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 93 | 0.00 |
| 77 | | Benzidine | 0.300 | 0.295 | 1.7 | 95 | 0.00 |
| 78 | | Pyrene | 1.240 | 1.057 | 14.8 | 92 | 0.00 |
| 79 | S | Terphenyl-d14 | 1.014 | 0.874 | 13.8 | 89 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.535 | 0.471 | 12.0 | 90 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.232 | 1.074 | 12.8 | 93 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.299 | 0.268 | 10.4 | 94 | 0.00 |
| 83 | | Chrysene | 1.171 | 1.031 | 12.0 | 94 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.808 | 0.708 | 12.4 | 87 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 1.318 | 1.182 | 10.3 | 88 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 94 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.405 | 1.226 | 12.7 | 94 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 1.172 | 1.024 | 12.6 | 93 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 1.184 | 1.030 | 13.0 | 93 | 0.00 |
| 90 | C | Benzo(a)pyrene | 0.983 | 0.861 | 12.4 | 94 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 1.176 | 1.032 | 12.2 | 94 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 1.139 | 0.997 | 12.5 | 94 | 0.00 |

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