# Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060921\
Data File : BF124205.D
Acq On : 9 Jun 2021 12:52
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_F
**LabSampleId :** SSTDCCC040

Quant Time: Jun 09 14:34:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 09 14:34:04 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 | 86 | 0.00 |
| 2 | | 1,4-Dioxane | 0.581 | 0.546 | 6.0 | 83 | 0.00 |
| 3 | | Pyridine | 1.489 | 1.359 | 8.7 | 80 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.885 | 0.812 | 8.2 | 80 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.329 | 1.288 | 3.1 | 85 | 0.00 |
| 6 | | Aniline | 2.040 | 1.871 | 8.3 | 83 | 0.00 |
| 7 | S | Phenol-d6 | 1.786 | 1.756 | 1.7 | 88 | 0.00 |
| 8 | | 2-Chlorophenol | 1.478 | 1.429 | 3.3 | 84 | 0.00 |
| 9 | | Benzaldehyde | 0.794 | 0.775 | 2.4 | 90 | 0.00 |
| 10 | C | Phenol | 1.930 | 1.778 | 7.9 | 83 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.407 | 1.375 | 2.3 | 85 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.728 | 1.696 | 1.9 | 86 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.734 | 1.701 | 1.9 | 86 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.658 | 1.571 | 5.2 | 83 | 0.00 |
| 15 | | Benzyl Alcohol | 1.610 | 1.412 | 12.3 | 79 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 2.195 | 1.915 | 12.8 | 79 | 0.00 |
| 17 | | 2-Methylphenol | 1.202 | 1.181 | 1.7 | 87 | 0.00 |
| 18 | | Hexachloroethane | 0.683 | 0.656 | 4.0 | 85 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 1.261 | 1.190 | 5.6 | 88 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.592 | 1.542 | 3.1 | 86 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 86 | 0.00 |
| 22 | | Acetophenone | 0.570 | 0.588 | -3.2 | 91 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.504 | 0.496 | 1.6 | 89 | 0.00 |
| 24 | | Nitrobenzene | 0.506 | 0.481 | 4.9 | 83 | 0.00 |
| 25 | | Isophorone | 0.909 | 0.849 | 6.6 | 84 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.226 | 0.218 | 3.5 | 85 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.319 | 0.306 | 4.1 | 85 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.450 | 0.425 | 5.6 | 88 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.369 | 0.362 | 1.9 | 88 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.413 | 0.403 | 2.4 | 89 | 0.00 |
| 31 | | Naphthalene | 1.196 | 1.108 | 7.4 | 83 | 0.00 |
| 32 | | Benzoic acid | 0.196 | 0.178 | 9.2 | 86 | 0.00 |
| 33 | | 4-Chloroaniline | 0.445 | 0.427 | 4.0 | 86 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.292 | 0.275 | 5.8 | 84 | 0.00 |
| 35 | | Caprolactam | 0.101 | 0.099 | 2.0 | 89 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 0.403 | 0.377 | 6.5 | 88 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.839 | 0.807 | 3.8 | 85 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.784 | 0.756 | 3.6 | 86 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 83 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.709 | 0.726 | -2.4 | 94 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.314 | 0.376 | -19.7 | 103 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.283 | 0.278 | 1.8 | 88 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.462 | 0.454 | 1.7 | 86 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.496 | 0.490 | 1.2 | 88 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.589 | 1.591 | -0.1 | 89 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.688 | 1.652 | 2.1 | 89 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.374 | 1.303 | 5.2 | 87 | 0.00 |

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| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 0.496 | 0.484 | 2.4 | 88 | 0.00 |
| 49 | | Acenaphthylene | 1.998 | 1.915 | 4.2 | 86 | 0.00 |
| 50 | | Dimethylphthalate | 1.655 | 1.566 | 5.4 | 88 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.379 | 0.378 | 0.3 | 93 | 0.00 |
| 52 | C | Acenaphthene | 1.305 | 1.234 | 5.4 | 85 | 0.00 |
| 53 | | 3-Nitroaniline | 0.355 | 0.331 | 6.8 | 85 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.160 | 0.178 | -11.2 | 90 | 0.00 |
| 55 | | Dibenzofuran | 2.042 | 1.909 | 6.5 | 85 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.254 | 0.325 | -28.0# | 110 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.500 | 0.503 | -0.6 | 87 | 0.00 |
| 58 | | Fluorene | 1.567 | 1.469 | 6.3 | 83 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.402 | 0.390 | 3.0 | 89 | 0.00 |
| 60 | | Diethylphthalate | 1.670 | 1.620 | 3.0 | 87 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.801 | 0.770 | 3.9 | 88 | 0.00 |
| 62 | | 4-Nitroaniline | 0.357 | 0.309 | 13.4 | 76 | 0.00 |
| 63 | | Azobenzene | 1.741 | 1.656 | 4.9 | 88 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 81 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.161 | 0.149 | 7.5 | 81 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.760 | 0.732 | 3.7 | 84 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.275 | 0.261 | 5.1 | 87 | 0.00 |
| 68 | | Hexachlorobenzene | 0.311 | 0.290 | 6.8 | 82 | 0.00 |
| 69 | | Atrazine | 0.215 | 0.220 | -2.3 | 82 | 0.00 |
| 70 | C | Pentachlorophenol | 0.146 | 0.136 | 6.8 | 80 | 0.00 |
| 71 | | Phenanthrene | 1.249 | 1.204 | 3.6 | 84 | 0.00 |
| 72 | | Anthracene | 1.258 | 1.194 | 5.1 | 86 | 0.00 |
| 73 | | Carbazole | 1.096 | 1.038 | 5.3 | 84 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.409 | 1.341 | 4.8 | 85 | 0.00 |
| 75 | C | Fluoranthene | 1.311 | 1.228 | 6.3 | 82 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 78 | 0.00 |
| 77 | | Benzidine | 0.429 | 0.426 | 0.7 | 67 | 0.00 |
| 78 | | Pyrene | 1.921 | 1.856 | 3.4 | 79 | 0.00 |
| 79 | S | Terphenyl-d14 | 1.457 | 1.425 | 2.2 | 80 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.779 | 0.768 | 1.4 | 81 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.457 | 1.362 | 6.5 | 78 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.427 | 0.370 | 13.3 | 72 | 0.00 |
| 83 | | Chrysene | 1.406 | 1.318 | 6.3 | 78 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.927 | 0.930 | -0.3 | 82 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 1.237 | 1.271 | -2.7 | 86 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 83 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.448 | 1.481 | -2.3 | 83 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 1.554 | 1.461 | 6.0 | 87 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 1.471 | 1.399 | 4.9 | 85 | 0.00 |
| 90 | C | Benzo(a)pyrene | 1.349 | 1.267 | 6.1 | 85 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 1.252 | 1.257 | -0.4 | 84 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 1.235 | 1.230 | 0.4 | 81 | 0.00 |

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