# Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120523\
Data File : BF136417.D
Acq On : 05 Dec 2023 20:53
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Dec 06 09:42:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
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 | 0.536 | 0.557 | -3.9 | 100 | 0.00 |
| 3 | | Pyridine | 1.297 | 1.404 | -8.2 | 101 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.564 | 0.590 | -4.6 | 99 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.354 | 1.412 | -4.3 | 100 | 0.00 |
| 6 | | Aniline | 1.708 | 1.804 | -5.6 | 100 | 0.00 |
| 7 | S | Phenol-d6 | 1.690 | 1.756 | -3.9 | 100 | 0.00 |
| 8 | | 2-Chlorophenol | 1.478 | 1.548 | -4.7 | 101 | 0.00 |
| 9 | | Benzaldehyde | 0.896 | 0.961 | -7.3 | 106 | 0.00 |
| 10 | C | Phenol | 1.798 | 1.866 | -3.8 | 100 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.340 | 1.380 | -3.0 | 100 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.663 | 1.745 | -4.9 | 101 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.687 | 1.746 | -3.5 | 100 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.586 | 1.655 | -4.4 | 101 | 0.00 |
| 15 | | Benzyl Alcohol | 1.131 | 1.176 | -4.0 | 98 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 1.724 | 1.784 | -3.5 | 100 | 0.00 |
| 17 | | 2-Methylphenol | 1.194 | 1.248 | -4.5 | 100 | 0.00 |
| 18 | | Hexachloroethane | 0.589 | 0.619 | -5.1 | 100 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 0.975 | 1.023 | -4.9 | 101 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.483 | 1.539 | -3.8 | 101 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 102 | 0.00 |
| 22 | | Acetophenone | 0.494 | 0.505 | -2.2 | 100 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.370 | 0.384 | -3.8 | 100 | 0.00 |
| 24 | | Nitrobenzene | 0.372 | 0.386 | -3.8 | 101 | 0.00 |
| 25 | | Isophorone | 0.665 | 0.695 | -4.5 | 101 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.183 | 0.198 | -8.2 | 102 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.226 | 0.237 | -4.9 | 101 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.408 | 0.419 | -2.7 | 100 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.298 | 0.312 | -4.7 | 100 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.347 | 0.364 | -4.9 | 102 | 0.00 |
| 31 | | Naphthalene | 1.103 | 1.130 | -2.4 | 100 | 0.00 |
| 32 | | Benzoic acid | 0.224 | 0.250 | -11.6 | 103 | 0.00 |
| 33 | | 4-Chloroaniline | 0.393 | 0.413 | -5.1 | 101 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.206 | 0.213 | -3.4 | 101 | 0.00 |
| 35 | | Caprolactam | 0.092 | 0.097 | -5.4 | 102 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 0.316 | 0.330 | -4.4 | 101 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.702 | 0.731 | -4.1 | 102 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.689 | 0.710 | -3.0 | 101 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 103 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.622 | 0.649 | -4.3 | 104 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.231 | 0.251 | -8.7 | 104 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.247 | 0.255 | -3.2 | 101 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.405 | 0.422 | -4.2 | 102 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.452 | 0.476 | -5.3 | 102 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.466 | 1.480 | -1.0 | 101 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.702 | 1.730 | -1.6 | 101 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.325 | 1.343 | -1.4 | 101 | 0.00 |

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| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 0.355 | 0.376 | -5.9 | 102 | 0.00 |
| 49 | | Acenaphthylene | 1.887 | 1.933 | -2.4 | 102 | 0.00 |
| 50 | | Dimethylphthalate | 1.472 | 1.502 | -2.0 | 101 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.331 | 0.339 | -2.4 | 100 | 0.00 |
| 52 | C | Acenaphthene | 1.209 | 1.231 | -1.8 | 101 | 0.00 |
| 53 | | 3-Nitroaniline | 0.338 | 0.351 | -3.8 | 101 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.167 | 0.186 | -11.4 | 101 | 0.00 |
| 55 | | Dibenzofuran | 1.766 | 1.793 | -1.5 | 101 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.254 | 0.273 | -7.5 | 100 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.438 | 0.443 | -1.1 | 98 | 0.00 |
| 58 | | Fluorene | 1.418 | 1.426 | -0.6 | 101 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.362 | 0.380 | -5.0 | 102 | 0.00 |
| 60 | | Diethylphthalate | 1.448 | 1.482 | -2.3 | 101 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.691 | 0.694 | -0.4 | 102 | 0.00 |
| 62 | | 4-Nitroaniline | 0.336 | 0.352 | -4.8 | 99 | 0.00 |
| 63 | | Azobenzene | 1.318 | 1.348 | -2.3 | 101 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 99 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.124 | 0.143 | -15.3 | 100 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.642 | 0.668 | -4.0 | 101 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.233 | 0.246 | -5.6 | 100 | 0.00 |
| 68 | | Hexachlorobenzene | 0.269 | 0.285 | -5.9 | 102 | 0.00 |
| 69 | | Atrazine | 0.183 | 0.180 | 1.6 | 101 | 0.00 |
| 70 | C | Pentachlorophenol | 0.152 | 0.165 | -8.6 | 101 | 0.00 |
| 71 | | Phenanthrene | 1.099 | 1.134 | -3.2 | 99 | 0.00 |
| 72 | | Anthracene | 1.107 | 1.154 | -4.2 | 100 | 0.00 |
| 73 | | Carbazole | 0.980 | 1.023 | -4.4 | 100 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.201 | 1.282 | -6.7 | 101 | 0.00 |
| 75 | C | Fluoranthene | 1.152 | 1.183 | -2.7 | 98 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 98 | 0.00 |
| 77 | | Benzidine | 0.402 | 0.453 | -12.7 | 104 | 0.00 |
| 78 | | Pyrene | 1.959 | 2.057 | -5.0 | 98 | 0.00 |
| 79 | S | Terphenyl-d14 | 1.517 | 1.604 | -5.7 | 100 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.697 | 0.771 | -10.6 | 101 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.393 | 1.428 | -2.5 | 98 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.391 | 0.420 | -7.4 | 104 | 0.00 |
| 83 | | Chrysene | 1.371 | 1.411 | -2.9 | 97 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.855 | 0.961 | -12.4 | 103 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 1.263 | 1.466 | -16.1 | 107 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 105 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.389 | 1.508 | -8.6 | 103 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 1.367 | 1.353 | 1.0 | 103 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 1.289 | 1.331 | -3.3 | 102 | 0.00 |
| 90 | C | Benzo(a)pyrene | 1.129 | 1.158 | -2.6 | 103 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 1.138 | 1.221 | -7.3 | 102 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 1.168 | 1.268 | -8.6 | 103 | 0.00 |

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