# Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082021\
Data File : BF125126.D
Acq On : 20 Aug 2021 10:13
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Aug 20 10:55:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 18 17:03:50 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 | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 20.000 | 20.000 | 0.0 | 100 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 35.509 | 11.2 | 86 | -0.01 |
| 3 | | Pyridine | 40.000 | 35.541 | 11.1 | 85 | -0.01 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 35.190 | 12.0 | 83 | -0.02 |
| 5 | S | 2-Fluorophenol | 80.000 | 70.708 | 11.6 | 89 | 0.00 |
| 6 | | Aniline | 40.000 | 35.917 | 10.2 | 86 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 69.922 | 12.6 | 86 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 35.764 | 10.6 | 88 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 33.104 | 17.2 | 86 | 0.00 |
| 10 | C | Phenol | 40.000 | 34.650 | 13.4 | 85 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 35.347 | 11.6 | 87 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 35.912 | 10.2 | 90 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 36.157 | 9.6 | 91 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 35.609 | 11.0 | 90 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 35.280 | 11.8 | 83 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 35.439 | 11.4 | 85 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 35.590 | 11.0 | 86 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 37.369 | 6.6 | 92 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 35.177 | 12.1 | 84 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 35.403 | 11.5 | 86 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 96 | 0.00 |
| 22 | | Acetophenone | 40.000 | 35.187 | 12.0 | 85 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 75.070 | 6.2 | 87 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 37.157 | 7.1 | 85 | 0.00 |
| 25 | | Isophorone | 40.000 | 36.643 | 8.4 | 82 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 40.243 | -0.6 | 86 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 35.047 | 12.4 | 81 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 36.328 | 9.2 | 85 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 37.574 | 6.1 | 86 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 37.253 | 6.9 | 89 | 0.00 |
| 31 | | Naphthalene | 40.000 | 35.791 | 10.5 | 86 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 38.365 | 4.1 | 74 | -0.01 |
| 33 | | 4-Chloroaniline | 40.000 | 37.067 | 7.3 | 84 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 37.968 | 5.1 | 93 | 0.00 |
| 35 | | Caprolactam | 40.000 | 38.991 | 2.5 | 75 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 37.891 | 5.3 | 83 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 36.601 | 8.5 | 85 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 36.736 | 8.2 | 85 | 0.00 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 92 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 37.110 | 7.2 | 88 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 35.818 | 10.5 | 83 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 82.175 | -2.7 | 84 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 37.347 | 6.6 | 84 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 38.300 | 4.3 | 85 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 70.944 | 11.3 | 89 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 36.002 | 10.0 | 86 | 0.00 |
| 47 | | 2-Chloronaphthalene | 40.000 | 36.506 | 8.7 | 85 | 0.00 |

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| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 40.000 | 38.934 | 2.7 | 77 | 0.00 |
| 49 | | Acenaphthylene | 40.000 | 36.508 | 8.7 | 83 | 0.00 |
| 50 | | Dimethylphthalate | 40.000 | 37.596 | 6.0 | 82 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 39.183 | 2.0 | 79 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 37.151 | 7.1 | 83 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 38.318 | 4.2 | 76 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 41.193 | -3.0 | 73 | 0.00 |
| 55 | | Dibenzofuran | 40.000 | 36.012 | 10.0 | 82 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 38.579 | 3.6 | 74 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 40.756 | -1.9 | 78 | 0.00 |
| 58 | | Fluorene | 40.000 | 36.667 | 8.3 | 83 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 38.389 | 4.0 | 81 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 38.545 | 3.6 | 82 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 37.681 | 5.8 | 86 | 0.00 |
| 62 | | 4-Nitroaniline | 40.000 | 39.422 | 1.4 | 74 | 0.00 |
| 63 | | Azobenzene | 40.000 | 36.671 | 8.3 | 80 | 0.00 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 85 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 40.283 | -0.7 | 73 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 37.415 | 6.5 | 83 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 38.884 | 2.8 | 83 | 0.00 |
| 68 | | Hexachlorobenzene | 40.000 | 39.122 | 2.2 | 82 | 0.00 |
| 69 | | Atrazine | 40.000 | 39.505 | 1.2 | 79 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 40.074 | -0.2 | 78 | 0.00 |
| 71 | | Phenanthrene | 40.000 | 36.370 | 9.1 | 78 | 0.00 |
| 72 | | Anthracene | 40.000 | 37.491 | 6.3 | 80 | 0.00 |
| 73 | | Carbazole | 40.000 | 37.190 | 7.0 | 77 | 0.00 |
| 74 | | Di-n-butylphthalate | 40.000 | 39.392 | 1.5 | 81 | 0.00 |
| 75 | C | Fluoranthene | 40.000 | 37.937 | 5.2 | 77 | 0.00 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 90 | 0.00 |
| 77 | | Benzidine | 40.000 | 39.533 | 1.2 | 81 | 0.00 |
| 78 | | Pyrene | 40.000 | 37.199 | 7.0 | 78 | 0.00 |
| 79 | S | Terphenyl-d14 | 80.000 | 75.023 | 6.2 | 82 | 0.00 |
| 80 | | Butylbenzylphthalate | 40.000 | 40.188 | -0.5 | 80 | 0.00 |
| 81 | | Benzo(a)anthracene | 40.000 | 36.954 | 7.6 | 83 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 37.733 | 5.7 | 82 | 0.00 |
| 83 | | Chrysene | 40.000 | 36.534 | 8.7 | 82 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 40.461 | -1.2 | 87 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 40.359 | -0.9 | 89 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 113 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 40.355 | -0.9 | 123 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 35.745 | 10.6 | 93 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 37.586 | 6.0 | 98 | 0.00 |
| 90 | C | Benzo(a)pyrene | 40.000 | 37.356 | 6.6 | 101 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 39.740 | 0.6 | 120 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 41.444 | -3.6 | 128 | 0.01 |

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