# Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
Data File : BF129315.D
Acq On : 22 Jul 2022 14:49
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jul 22 16:47:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 13:42:18 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 | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 20.000 | 20.000 | 0.0 | 57 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 37.598 | 6.0 | 54 | 0.00 |
| 3 | | Pyridine | 40.000 | 37.889 | 5.3 | 52 | -0.01 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 43.546 | -8.9 | 61 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 77.927 | 2.6 | 58 | 0.00 |
| 6 | | Aniline | 40.000 | 37.681 | 5.8 | 55 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 78.265 | 2.2 | 58 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 39.605 | 1.0 | 58 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 38.000 | 5.0 | 56 | 0.00 |
| 10 | C | Phenol | 40.000 | 38.670 | 3.3 | 57 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 38.129 | 4.7 | 56 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 40.001 | -0.0 | 59 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 40.165 | -0.4 | 59 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 40.248 | -0.6 | 59 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 43.087 | -7.7 | 62 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 36.591 | 8.5 | 54 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 39.504 | 1.2 | 58 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 41.751 | -4.4 | 61 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 40.785 | -2.0 | 61 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 39.017 | 2.5 | 60 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 58 | 0.00 |
| 22 | | Acetophenone | 40.000 | 41.428 | -3.6 | 62 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 83.605 | -4.5 | 62 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 40.939 | -2.3 | 61 | 0.00 |
| 25 | | Isophorone | 40.000 | 39.474 | 1.3 | 59 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 40.152 | -0.4 | 58 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 38.991 | 2.5 | 57 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 37.946 | 5.1 | 57 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 40.204 | -0.5 | 59 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 39.970 | 0.1 | 60 | 0.00 |
| 31 | | Naphthalene | 40.000 | 40.096 | -0.2 | 60 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 38.751 | 3.1 | 55 | 0.00 |
| 33 | | 4-Chloroaniline | 40.000 | 38.914 | 2.7 | 58 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 43.443 | -8.6 | 64 | 0.00 |
| 35 | | Caprolactam | 40.000 | 38.402 | 4.0 | 57 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 41.018 | -2.5 | 60 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 39.871 | 0.3 | 59 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 40.214 | -0.5 | 60 | 0.00 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 58 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 41.962 | -4.9 | 63 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 48.171 | -20.4 | 66 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 87.522 | -9.4 | 65 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 41.166 | -2.9 | 61 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 41.153 | -2.9 | 60 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 80.232 | -0.3 | 66 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 40.364 | -0.9 | 60 | 0.00 |
| 47 | | 2-Chloronaphthalene | 40.000 | 39.979 | 0.1 | 60 | 0.00 |

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| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 40.000 | 41.276 | -3.2 | 59 | 0.00 |
| 49 | | Acenaphthylene | 40.000 | 40.289 | -0.7 | 60 | 0.00 |
| 50 | | Dimethylphthalate | 40.000 | 40.527 | -1.3 | 61 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 40.992 | -2.5 | 60 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 40.987 | -2.5 | 62 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 38.108 | 4.7 | 56 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 41.497 | -3.7 | 60 | 0.00 |
| 55 | | Dibenzofuran | 40.000 | 40.509 | -1.3 | 60 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 39.263 | 1.8 | 56 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 41.616 | -4.0 | 60 | 0.00 |
| 58 | | Fluorene | 40.000 | 41.033 | -2.6 | 62 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 41.398 | -3.5 | 61 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 41.898 | -4.7 | 62 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 41.461 | -3.7 | 63 | 0.00 |
| 62 | | 4-Nitroaniline | 40.000 | 38.808 | 3.0 | 57 | 0.00 |
| 63 | | Azobenzene | 40.000 | 40.552 | -1.4 | 61 | 0.00 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 58 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 43.737 | -9.3 | 60 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 40.626 | -1.6 | 61 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 41.733 | -4.3 | 62 | 0.00 |
| 68 | | Hexachlorobenzene | 40.000 | 42.171 | -5.4 | 64 | 0.00 |
| 69 | | Atrazine | 40.000 | 40.154 | -0.4 | 59 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 41.506 | -3.8 | 58 | 0.00 |
| 71 | | Phenanthrene | 40.000 | 40.070 | -0.2 | 60 | 0.00 |
| 72 | | Anthracene | 40.000 | 40.104 | -0.3 | 60 | 0.00 |
| 73 | | Carbazole | 40.000 | 39.100 | 2.2 | 58 | 0.00 |
| 74 | | Di-n-butylphthalate | 40.000 | 40.384 | -1.0 | 60 | 0.00 |
| 75 | C | Fluoranthene | 40.000 | 39.376 | 1.6 | 59 | 0.00 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 54 | -0.01 |
| 77 | | Benzidine | 40.000 | 39.340 | 1.6 | 51 | 0.00 |
| 78 | | Pyrene | 40.000 | 43.260 | -8.1 | 59 | 0.00 |
| 79 | S | Terphenyl-d14 | 80.000 | 91.277 | -14.1 | 64 | 0.00 |
| 80 | | Butylbenzylphthalate | 40.000 | 41.117 | -2.8 | 55 | 0.00 |
| 81 | | Benzo(a)anthracene | 40.000 | 40.091 | -0.2 | 55 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 39.424 | 1.4 | 53 | 0.00 |
| 83 | | Chrysene | 40.000 | 40.039 | -0.1 | 56 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 39.573 | 1.1 | 54 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 37.872 | 5.3 | 52 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 53 | -0.01 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 46.413 | -16.0 | 60 | -0.02 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 38.957 | 2.6 | 52 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 41.196 | -3.0 | 57 | -0.01 |
| 90 | C | Benzo(a)pyrene | 40.000 | 39.865 | 0.3 | 54 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 46.458 | -16.1 | 60 | -0.01 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 47.094 | -17.7 | 60 | -0.02 |

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|---|---|---|---|---|---|

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