# Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011022\
Data File : BF126559.D
Acq On : 10 Jan 2022 11:57
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jan 10 14:50:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 10 14:50:31 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 | 67 | 0.00 |
| 2 | | 1,4-Dioxane | 0.698 | 0.641 | 8.2 | 58 | 0.00 |
| 3 | | Pyridine | 1.884 | 1.700 | 9.8 | 58 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.775 | 0.665 | 14.2 | 57 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.393 | 1.374 | 1.4 | 66 | 0.00 |
| 6 | | Aniline | 2.243 | 2.049 | 8.6 | 60 | 0.00 |
| 7 | S | Phenol-d6 | 1.804 | 1.721 | 4.6 | 64 | 0.00 |
| 8 | | 2-Chlorophenol | 1.389 | 1.409 | -1.4 | 67 | 0.00 |
| 9 | | Benzaldehyde | 1.117 | 1.131 | -1.3 | 72 | 0.00 |
| 10 | C | Phenol | 2.013 | 1.870 | 7.1 | 62 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.537 | 1.444 | 6.1 | 63 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.388 | 1.431 | -3.1 | 69 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.385 | 1.435 | -3.6 | 69 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.350 | 1.347 | 0.2 | 71 | 0.00 |
| 15 | | Benzyl Alcohol | 1.262 | 1.203 | 4.7 | 63 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 2.414 | 2.274 | 5.8 | 63 | 0.00 |
| 17 | | 2-Methylphenol | 1.222 | 1.165 | 4.7 | 64 | 0.00 |
| 18 | | Hexachloroethane | 0.552 | 0.557 | -0.9 | 66 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 1.029 | 0.936 | 9.0 | 64 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.455 | 1.326 | 8.9 | 65 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 67 | 0.00 |
| 22 | | Acetophenone | 0.462 | 0.452 | 2.2 | 67 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.390 | 0.372 | 4.6 | 63 | 0.00 |
| 24 | | Nitrobenzene | 0.390 | 0.360 | 7.7 | 59 | 0.00 |
| 25 | | Isophorone | 0.697 | 0.642 | 7.9 | 62 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.173 | 0.179 | -3.5 | 66 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.270 | 0.282 | -4.4 | 68 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.456 | 0.438 | 3.9 | 64 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.247 | 0.263 | -6.5 | 71 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.257 | 0.273 | -6.2 | 70 | 0.00 |
| 31 | | Naphthalene | 0.944 | 0.967 | -2.4 | 68 | 0.00 |
| 32 | | Benzoic acid | 0.173 | 0.183 | -5.8 | 70 | 0.00 |
| 33 | | 4-Chloroaniline | 0.395 | 0.401 | -1.5 | 67 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.125 | 0.141 | -12.8 | 75 | 0.00 |
| 35 | | Caprolactam | 0.063 | 0.063 | 0.0 | 68 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 0.301 | 0.297 | 1.3 | 65 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.557 | 0.588 | -5.6 | 70 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.538 | 0.568 | -5.6 | 71 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 73 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.435 | 0.466 | -7.1 | 77 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.177 | 0.170 | 4.0 | 62 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.155 | 0.182 | -17.4 | 83 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.321 | 0.337 | -5.0 | 73 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.346 | 0.361 | -4.3 | 74 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.137 | 1.089 | 4.2 | 76 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.467 | 1.467 | 0.0 | 71 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.111 | 1.093 | 1.6 | 70 | 0.00 |

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BNA_F
**LabSampleId :**
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Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 0.449 | 0.382 | 14.9 | 59 | 0.00 |
| 49 | | Acenaphthylene | 1.685 | 1.701 | -0.9 | 72 | 0.00 |
| 50 | | Dimethylphthalate | 1.249 | 1.255 | -0.5 | 73 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.270 | 0.271 | -0.4 | 71 | 0.00 |
| 52 | C | Acenaphthene | 1.105 | 1.049 | 5.1 | 67 | 0.00 |
| 53 | | 3-Nitroaniline | 0.370 | 0.353 | 4.6 | 68 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.122 | 0.125 | -2.5 | 70 | 0.00 |
| 55 | | Dibenzofuran | 1.493 | 1.505 | -0.8 | 72 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.263 | 0.254 | 3.4 | 65 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.348 | 0.347 | 0.3 | 68 | 0.00 |
| 58 | | Fluorene | 1.056 | 1.087 | -2.9 | 76 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.248 | 0.283 | -14.1 | 80 | 0.00 |
| 60 | | Diethylphthalate | 1.203 | 1.212 | -0.7 | 72 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.461 | 0.487 | -5.6 | 77 | 0.00 |
| 62 | | 4-Nitroaniline | 0.348 | 0.346 | 0.6 | 71 | 0.00 |
| 63 | | Azobenzene | 1.550 | 1.402 | 9.5 | 64 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 73 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.108 | 0.124 | -14.8 | 74 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.621 | 0.642 | -3.4 | 75 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.178 | 0.195 | -9.6 | 78 | 0.00 |
| 68 | | Hexachlorobenzene | 0.206 | 0.233 | -13.1 | 81 | 0.00 |
| 69 | | Atrazine | 0.107 | 0.117 | -9.3 | 74 | 0.00 |
| 70 | C | Pentachlorophenol | 0.100 | 0.116 | -16.0 | 77 | 0.00 |
| 71 | | Phenanthrene | 1.022 | 1.055 | -3.2 | 75 | 0.00 |
| 72 | | Anthracene | 1.023 | 1.064 | -4.0 | 76 | 0.00 |
| 73 | | Carbazole | 1.002 | 1.001 | 0.1 | 73 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.141 | 1.165 | -2.1 | 73 | 0.00 |
| 75 | C | Fluoranthene | 0.933 | 0.972 | -4.2 | 76 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 72 | 0.00 |
| 77 | | Benzidine | 0.413 | 0.290 | 29.8# | 59 | 0.00 |
| 78 | | Pyrene | 1.690 | 1.808 | -7.0 | 74 | 0.00 |
| 79 | S | Terphenyl-d14 | 1.029 | 1.115 | -8.4 | 77 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.749 | 0.757 | -1.1 | 68 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.150 | 1.153 | -0.3 | 70 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.537 | 0.537 | 0.0 | 71 | 0.00 |
| 83 | | Chrysene | 1.180 | 1.168 | 1.0 | 69 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.776 | 0.805 | -3.7 | 73 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 1.346 | 1.322 | 1.8 | 67 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 75 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.338 | 1.396 | -4.3 | 74 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 1.191 | 1.155 | 3.0 | 74 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 1.154 | 1.158 | -0.3 | 70 | 0.00 |
| 90 | C | Benzo(a)pyrene | 0.999 | 1.014 | -1.5 | 73 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 1.080 | 1.129 | -4.5 | 74 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 1.150 | 1.194 | -3.8 | 73 | 0.00 |

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