# Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
Data File : BG049038.D
Acq On : 22 Jun 2021 9:25
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_G
**LabSampleId :** SSTDCCC040

Quant Time: Jun 22 11:07:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 16 12:04:50 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 | 77 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 35.695 | 10.8 | 79 | 0.00 |
| 3 | | Pyridine | 40.000 | 35.198 | 12.0 | 74 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 42.124 | -5.3 | 85 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 76.450 | 4.4 | 83 | 0.00 |
| 6 | | Aniline | 40.000 | 34.585 | 13.5 | 74 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 70.788 | 11.5 | 75 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 36.582 | 8.5 | 81 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 35.869 | 10.3 | 81 | 0.00 |
| 10 | C | Phenol | 40.000 | 35.589 | 11.0 | 77 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 33.310 | 16.7 | 71 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 37.809 | 5.5 | 81 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 36.733 | 8.2 | 80 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 36.354 | 9.1 | 80 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 34.665 | 13.3 | 76 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 31.632 | 20.9 | 69 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 33.899 | 15.3 | 73 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 36.759 | 8.1 | 79 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 32.403 | 19.0 | 71 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 35.788 | 10.5 | 77 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 73 | 0.00 |
| 22 | | Acetophenone | 40.000 | 36.357 | 9.1 | 76 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 76.010 | 5.0 | 78 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 37.122 | 7.2 | 77 | 0.00 |
| 25 | | Isophorone | 40.000 | 33.590 | 16.0 | 71 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 42.408 | -6.0 | 87 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 35.525 | 11.2 | 75 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 33.837 | 15.4 | 71 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 36.186 | 9.5 | 75 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 37.849 | 5.4 | 80 | 0.00 |
| 31 | | Naphthalene | 40.000 | 35.411 | 11.5 | 74 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 42.421 | -6.1 | 86 | -0.01 |
| 33 | | 4-Chloroaniline | 40.000 | 35.472 | 11.3 | 75 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 37.959 | 5.1 | 80 | 0.00 |
| 35 | | Caprolactam | 40.000 | 41.058 | -2.6 | 86 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 35.168 | 12.1 | 74 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 34.801 | 13.0 | 74 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 34.960 | 12.6 | 73 | 0.00 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 72 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 36.767 | 8.1 | 79 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 36.898 | 7.8 | 77 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 76.246 | 4.7 | 80 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 40.570 | -1.4 | 84 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 42.035 | -5.1 | 87 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 71.467 | 10.7 | 75 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 34.973 | 12.6 | 73 | 0.00 |
| 47 | | 2-Chloronaphthalene | 40.000 | 35.845 | 10.4 | 77 | 0.00 |

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| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 40.000 | 40.734 | -1.8 | 84 | 0.00 |
| 49 | | Acenaphthylene | 40.000 | 34.825 | 12.9 | 74 | 0.00 |
| 50 | | Dimethylphthalate | 40.000 | 36.062 | 9.8 | 76 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 40.411 | -1.0 | 83 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 36.143 | 9.6 | 75 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 39.404 | 1.5 | 81 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 50.439 | -26.1# | 103 | 0.00 |
| 55 | | Dibenzofuran | 40.000 | 35.054 | 12.4 | 74 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 40.468 | -1.2 | 81 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 46.314 | -15.8 | 86 | 0.00 |
| 58 | | Fluorene | 40.000 | 34.784 | 13.0 | 74 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 37.547 | 6.1 | 77 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 34.987 | 12.5 | 75 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 35.998 | 10.0 | 77 | 0.00 |
| 62 | | 4-Nitroaniline | 40.000 | 40.345 | -0.9 | 82 | 0.00 |
| 63 | | Azobenzene | 40.000 | 32.471 | 18.8 | 69 | 0.00 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 71 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 49.821 | -24.6 | 94 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 34.239 | 14.4 | 72 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 35.547 | 11.1 | 74 | 0.00 |
| 68 | | Hexachlorobenzene | 40.000 | 37.103 | 7.2 | 78 | 0.00 |
| 69 | | Atrazine | 40.000 | 36.281 | 9.3 | 70 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 38.841 | 2.9 | 79 | 0.00 |
| 71 | | Phenanthrene | 40.000 | 35.260 | 11.9 | 74 | 0.00 |
| 72 | | Anthracene | 40.000 | 35.112 | 12.2 | 75 | 0.00 |
| 73 | | Carbazole | 40.000 | 35.260 | 11.9 | 74 | 0.00 |
| 74 | | Di-n-butylphthalate | 40.000 | 36.632 | 8.4 | 78 | 0.00 |
| 75 | C | Fluoranthene | 40.000 | 36.284 | 9.3 | 78 | 0.00 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 72 | 0.00 |
| 77 | | Benzidine | 40.000 | 49.697 | -24.2 | 91 | 0.00 |
| 78 | | Pyrene | 40.000 | 36.230 | 9.4 | 76 | 0.00 |
| 79 | S | Terphenyl-d14 | 80.000 | 76.949 | 3.8 | 81 | 0.00 |
| 80 | | Butylbenzylphthalate | 40.000 | 37.503 | 6.2 | 79 | 0.00 |
| 81 | | Benzo(a)anthracene | 40.000 | 36.506 | 8.7 | 76 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 39.457 | 1.4 | 82 | 0.00 |
| 83 | | Chrysene | 40.000 | 36.007 | 10.0 | 76 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 36.227 | 9.4 | 77 | -0.01 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 36.261 | 9.3 | 76 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 72 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 39.661 | 0.8 | 80 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 37.511 | 6.2 | 76 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 37.915 | 5.2 | 76 | 0.00 |
| 90 | C | Benzo(a)pyrene | 40.000 | 38.247 | 4.4 | 78 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 40.398 | -1.0 | 80 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 39.125 | 2.2 | 79 | -0.01 |

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

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