# Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071922\
Data File : BM035872.D
Acq On : 19 Jul 2022 19:56
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**LabSampleId :**
SSTDCCC040

Quant Time: Jul 20 02:46:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 18 17:08:15 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 | 120 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 39.228 | 1.9 | 116 | 0.00 |
| 3 | | Pyridine | 40.000 | 41.520 | -3.8 | 121 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 42.295 | -5.7 | 123 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 80.455 | -0.6 | 117 | 0.00 |
| 6 | | Aniline | 40.000 | 42.572 | -6.4 | 124 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 83.366 | -4.2 | 122 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 40.676 | -1.7 | 119 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 38.757 | 3.1 | 128 | 0.00 |
| 10 | C | Phenol | 40.000 | 41.756 | -4.4 | 123 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 41.762 | -4.4 | 124 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 40.266 | -0.7 | 118 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 40.396 | -1.0 | 119 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 40.360 | -0.9 | 119 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 42.796 | -7.0 | 125 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 42.791 | -7.0 | 125 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 42.250 | -5.6 | 124 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 40.546 | -1.4 | 118 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 44.063 | -10.2 | 129 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 42.541 | -6.4 | 125 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 127 | 0.00 |
| 22 | | Acetophenone | 40.000 | 41.650 | -4.1 | 128 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 82.739 | -3.4 | 126 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 41.268 | -3.2 | 126 | 0.00 |
| 25 | | Isophorone | 40.000 | 42.286 | -5.7 | 130 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 40.248 | -0.6 | 122 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 41.241 | -3.1 | 126 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 41.917 | -4.8 | 129 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 41.064 | -2.7 | 124 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 40.066 | -0.2 | 123 | 0.00 |
| 31 | | Naphthalene | 40.000 | 41.012 | -2.5 | 126 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 39.454 | 1.4 | 119 | 0.02 |
| 33 | | 4-Chloroaniline | 40.000 | 41.903 | -4.8 | 128 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 40.106 | -0.3 | 123 | 0.00 |
| 35 | | Caprolactam | 40.000 | 40.231 | -0.6 | 126 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 42.110 | -5.3 | 130 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 42.170 | -5.4 | 130 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 41.797 | -4.5 | 129 | 0.00 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 131 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 40.705 | -1.8 | 127 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 40.717 | -1.8 | 125 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 80.049 | -0.1 | 128 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 41.133 | -2.8 | 127 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 40.880 | -2.2 | 128 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 83.303 | -4.1 | 130 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 41.534 | -3.8 | 130 | 0.00 |
| 47 | | 2-Chloronaphthalene | 40.000 | 41.073 | -2.7 | 129 | 0.00 |

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| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 40.000 | 42.001 | -5.0 | 131 | 0.00 |
| 49 | | Acenaphthylene | 40.000 | 41.399 | -3.5 | 130 | 0.00 |
| 50 | | Dimethylphthalate | 40.000 | 40.546 | -1.4 | 130 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 41.021 | -2.6 | 128 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 41.129 | -2.8 | 130 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 41.414 | -3.5 | 130 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 37.973 | 5.1 | 126 | 0.00 |
| 55 | | Dibenzofuran | 40.000 | 41.130 | -2.8 | 131 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 39.603 | 1.0 | 125 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 41.078 | -2.7 | 129 | 0.00 |
| 58 | | Fluorene | 40.000 | 41.166 | -2.9 | 131 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 40.516 | -1.3 | 129 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 40.168 | -0.4 | 129 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 41.373 | -3.4 | 132 | 0.00 |
| 62 | | 4-Nitroaniline | 40.000 | 41.082 | -2.7 | 128 | 0.00 |
| 63 | | Azobenzene | 40.000 | 42.011 | -5.0 | 133 | 0.00 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 130 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 38.695 | 3.3 | 121 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 42.152 | -5.4 | 130 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 41.603 | -4.0 | 129 | 0.00 |
| 68 | | Hexachlorobenzene | 40.000 | 41.456 | -3.6 | 129 | 0.00 |
| 69 | | Atrazine | 40.000 | 42.401 | -6.0 | 125 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 41.770 | -4.4 | 128 | 0.00 |
| 71 | | Phenanthrene | 40.000 | 40.983 | -2.5 | 128 | 0.00 |
| 72 | | Anthracene | 40.000 | 41.271 | -3.2 | 128 | 0.00 |
| 73 | | Carbazole | 40.000 | 40.799 | -2.0 | 127 | 0.00 |
| 74 | | Di-n-butylphthalate | 40.000 | 40.308 | -0.8 | 127 | 0.00 |
| 75 | C | Fluoranthene | 40.000 | 39.587 | 1.0 | 125 | 0.00 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 122 | 0.00 |
| 77 | | Benzidine | 40.000 | 37.732 | 5.7 | 108 | 0.00 |
| 78 | | Pyrene | 40.000 | 42.598 | -6.5 | 125 | 0.00 |
| 79 | S | Terphenyl-d14 | 80.000 | 85.943 | -7.4 | 124 | 0.00 |
| 80 | | Butylbenzylphthalate | 40.000 | 40.211 | -0.5 | 120 | 0.00 |
| 81 | | Benzo(a)anthracene | 40.000 | 40.792 | -2.0 | 120 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 39.751 | 0.6 | 117 | 0.00 |
| 83 | | Chrysene | 40.000 | 40.895 | -2.2 | 120 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 40.261 | -0.7 | 119 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 39.079 | 2.3 | 116 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 118 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 41.286 | -3.2 | 117 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 40.686 | -1.7 | 114 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 41.739 | -4.3 | 121 | 0.00 |
| 90 | C | Benzo(a)pyrene | 40.000 | 40.922 | -2.3 | 116 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 41.179 | -2.9 | 116 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 40.957 | -2.4 | 116 | 0.00 |

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