Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
Data File : BP005736.D
Acq On : 07 Jun 2021 11:03
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_P
**LabSampleId :** SSTDCCC040

Quant Time: Jun 07 12:14:39 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 07 12:13:53 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 | 61 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 34.597 | 13.5 | 56 | 0.00 |
| 3 | | Pyridine | 40.000 | 36.933 | 7.7 | 55 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 34.866 | 12.8 | 54 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 76.656 | 4.2 | 60 | 0.00 |
| 6 | | Aniline | 40.000 | 36.158 | 9.6 | 56 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 75.362 | 5.8 | 58 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 39.181 | 2.0 | 62 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 34.833 | 12.9 | 54 | 0.00 |
| 10 | C | Phenol | 40.000 | 36.989 | 7.5 | 58 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 36.114 | 9.7 | 57 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 37.266 | 6.8 | 59 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 37.469 | 6.3 | 60 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 37.839 | 5.4 | 60 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 39.216 | 2.0 | 60 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 31.062 | 22.3 | 49 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 38.259 | 4.4 | 59 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 38.230 | 4.4 | 60 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 36.840 | 7.9 | 57 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 39.353 | 1.6 | 61 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 62 | 0.00 |
| 22 | | Acetophenone | 40.000 | 36.786 | 8.0 | 59 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 84.252 | -5.3 | 64 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 39.747 | 0.6 | 61 | 0.00 |
| 25 | | Isophorone | 40.000 | 36.830 | 7.9 | 58 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 50.675 | -26.7# | 88 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 38.074 | 4.8 | 60 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 35.523 | 11.2 | 56 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 42.055 | -5.1 | 65 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 37.952 | 5.1 | 61 | 0.00 |
| 31 | | Naphthalene | 40.000 | 36.444 | 8.9 | 58 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 41.266 | -3.2 | 70 | 0.00 |
| 33 | | 4-Chloroaniline | 40.000 | 37.083 | 7.3 | 59 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 40.267 | -0.7 | 64 | 0.00 |
| 35 | | Caprolactam | 40.000 | 51.429 | -28.6# | 75 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 43.868 | -9.7 | 69 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 41.423 | -3.6 | 66 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 40.920 | -2.3 | 65 | 0.00 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 73 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 40.279 | -0.7 | 75 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 34.558 | 13.6 | 63 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 121.625 | -52.0# | 109 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 45.725 | -14.3 | 82 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 45.800 | -14.5 | 82 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 74.851 | 6.4 | 69 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 36.057 | 9.9 | 67 | 0.00 |
| 47 | | 2-Chloronaphthalene | 40.000 | 36.736 | 8.2 | 68 | 0.00 |

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Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_P
**LabSampleId :** SSTDCCC040

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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) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 40.000 | 40.265 | -0.7 | 80 | 0.00 |
| 49 | | Acenaphthylene | 40.000 | 36.435 | 8.9 | 68 | 0.00 |
| 50 | | Dimethylphthalate | 40.000 | 38.000 | 5.0 | 71 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 40.245 | -0.6 | 80 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 33.775 | 15.6 | 63 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 40.450 | -1.1 | 78 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 48.663 | -21.7 | 101 | 0.00 |
| 55 | | Dibenzofuran | 40.000 | 36.788 | 8.0 | 69 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 39.507 | 1.2 | 76 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 44.063 | -10.2 | 86 | 0.00 |
| 58 | | Fluorene | 40.000 | 36.210 | 9.5 | 68 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 47.662 | -19.2 | 87 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 37.063 | 7.3 | 69 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 38.693 | 3.3 | 73 | 0.00 |
| 62 | | 4-Nitroaniline | 40.000 | 40.920 | -2.3 | 79 | 0.00 |
| 63 | | Azobenzene | 40.000 | 31.225 | 21.9 | 58 | 0.00 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 75 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 51.141 | -27.9# | 111 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 36.177 | 9.6 | 70 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 42.705 | -6.8 | 82 | 0.00 |
| 68 | | Hexachlorobenzene | 40.000 | 44.171 | -10.4 | 86 | 0.00 |
| 69 | | Atrazine | 40.000 | 42.982 | -7.5 | 77 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 42.342 | -5.9 | 78 | 0.00 |
| 71 | | Phenanthrene | 40.000 | 35.805 | 10.5 | 70 | 0.00 |
| 72 | | Anthracene | 40.000 | 36.257 | 9.4 | 70 | 0.00 |
| 73 | | Carbazole | 40.000 | 35.055 | 12.4 | 68 | 0.00 |
| 74 | | Di-n-butylphthalate | 40.000 | 36.906 | 7.7 | 70 | 0.00 |
| 75 | C | Fluoranthene | 40.000 | 37.888 | 5.3 | 74 | 0.00 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 81 | 0.00 |
| 77 | | Benzidine | 40.000 | 49.275 | -23.2 | 79 | 0.00 |
| 78 | | Pyrene | 40.000 | 35.087 | 12.3 | 73 | 0.00 |
| 79 | S | Terphenyl-d14 | 80.000 | 74.721 | 6.6 | 77 | 0.00 |
| 80 | | Butylbenzylphthalate | 40.000 | 35.799 | 10.5 | 78 | 0.00 |
| 81 | | Benzo(a)anthracene | 40.000 | 36.453 | 8.9 | 75 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 42.177 | -5.4 | 83 | 0.00 |
| 83 | | Chrysene | 40.000 | 36.042 | 9.9 | 75 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 35.410 | 11.5 | 70 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 38.723 | 3.2 | 77 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 90 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 36.877 | 7.8 | 84 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 35.643 | 10.9 | 83 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 33.976 | 15.1 | 76 | 0.00 |
| 90 | C | Benzo(a)pyrene | 40.000 | 35.622 | 10.9 | 81 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 36.751 | 8.1 | 84 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 37.077 | 7.3 | 85 | 0.00 |

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

(#) = Out of Range SPCC's out = 0 CCC's out = 1