# Evaluate Continuing Calibration Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061120\
Data File : BP002393.D
Acq On : 11 Jun 2020 16:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jun 11 17:20:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:08:53 2020
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 | 86 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 44.455 | -11.1 | 94 | 0.00 |
| 3 | | Pyridine | 40.000 | 45.801 | -14.5 | 98 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 46.363 | -15.9 | 95 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 86.921 | -8.7 | 90 | 0.00 |
| 6 | | Aniline | 40.000 | 45.381 | -13.5 | 92 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 89.822 | -12.3 | 92 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 44.458 | -11.1 | 90 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 48.738 | -21.8 | 93 | 0.00 |
| 10 | C | Phenol | 40.000 | 45.653 | -14.1 | 93 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 45.353 | -13.4 | 93 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 42.796 | -7.0 | 89 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 42.492 | -6.2 | 87 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 42.670 | -6.7 | 88 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 46.157 | -15.4 | 92 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 45.117 | -12.8 | 93 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 45.377 | -13.4 | 92 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 43.720 | -9.3 | 91 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 46.630 | -16.6 | 95 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 45.766 | -14.4 | 92 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 85 | 0.00 |
| 22 | | Acetophenone | 40.000 | 44.610 | -11.5 | 93 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 89.686 | -12.1 | 93 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 44.691 | -11.7 | 93 | 0.00 |
| 25 | | Isophorone | 40.000 | 45.099 | -12.7 | 93 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 44.781 | -12.0 | 91 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 44.240 | -10.6 | 91 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 44.834 | -12.1 | 94 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 42.833 | -7.1 | 89 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 42.350 | -5.9 | 88 | 0.00 |
| 31 | | Naphthalene | 40.000 | 42.569 | -6.4 | 90 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 44.722 | -11.8 | 89 | 0.00 |
| 33 | | 4-Chloroaniline | 40.000 | 44.177 | -10.4 | 90 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 42.196 | -5.5 | 90 | 0.00 |
| 35 | | Caprolactam | 40.000 | 44.640 | -11.6 | 87 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 44.578 | -11.4 | 90 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 43.300 | -8.2 | 90 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 43.314 | -8.3 | 90 | 0.00 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 83 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 42.858 | -7.1 | 88 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 44.542 | -11.4 | 89 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 85.277 | -6.6 | 85 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 43.277 | -8.2 | 87 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 42.801 | -7.0 | 85 | 0.00 |

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Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 45 | S | 2-Fluorobiphenyl | 80.000 | 81.277 | -1.6 | 88 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 42.890 | -7.2 | 88 | 0.00 |
| 47 | | 2-Chloronaphthalene | 40.000 | 42.706 | -6.8 | 88 | 0.00 |
| 48 | | 2-Nitroaniline | 40.000 | 46.154 | -15.4 | 90 | 0.00 |
| 49 | | Acenaphthylene | 40.000 | 42.628 | -6.6 | 86 | 0.00 |
| 50 | | Dimethylphthalate | 40.000 | 42.218 | -5.5 | 85 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 43.230 | -8.1 | 85 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 42.646 | -6.6 | 88 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 43.504 | -8.8 | 85 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 42.153 | -5.4 | 82 | 0.00 |
| 55 | | Dibenzofuran | 40.000 | 41.886 | -4.7 | 85 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 42.992 | -7.5 | 81 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 42.931 | -7.3 | 82 | 0.00 |
| 58 | | Fluorene | 40.000 | 38.734 | 3.2 | 87 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 42.972 | -7.4 | 85 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 41.893 | -4.7 | 84 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 40.915 | -2.3 | 88 | 0.00 |
| 62 | | 4-Nitroaniline | 40.000 | 42.775 | -6.9 | 83 | 0.00 |
| 63 | | Azobenzene | 40.000 | 44.383 | -11.0 | 90 | 0.00 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 78 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 44.392 | -11.0 | 81 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 44.008 | -10.0 | 86 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 43.872 | -9.7 | 84 | 0.00 |
| 68 | | Hexachlorobenzene | 40.000 | 42.563 | -6.4 | 82 | 0.00 |
| 69 | | Atrazine | 40.000 | 42.179 | -5.4 | 79 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 44.609 | -11.5 | 80 | 0.00 |
| 71 | | Phenanthrene | 40.000 | 42.989 | -7.5 | 83 | 0.00 |
| 72 | | Anthracene | 40.000 | 43.247 | -8.1 | 84 | 0.00 |
| 73 | | Carbazole | 40.000 | 42.633 | -6.6 | 82 | 0.00 |
| 74 | | Di-n-butylphthalate | 40.000 | 42.167 | -5.4 | 80 | 0.00 |
| 75 | C | Fluoranthene | 40.000 | 42.260 | -5.6 | 81 | 0.00 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 76 | 0.00 |
| 77 | | Benzidine | 40.000 | 46.099 | -15.2 | 78 | 0.00 |
| 78 | | Pyrene | 40.000 | 45.143 | -12.9 | 81 | 0.00 |
| 79 | S | Terphenyl-d14 | 80.000 | 93.613 | -17.0 | 85 | 0.00 |
| 80 | | Butylbenzylphthalate | 40.000 | 44.004 | -10.0 | 77 | 0.00 |
| 81 | | Benzo(a)anthracene | 40.000 | 44.646 | -11.6 | 82 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 43.866 | -9.7 | 76 | 0.00 |
| 83 | | Chrysene | 40.000 | 44.108 | -10.3 | 81 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 43.797 | -9.5 | 79 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 42.999 | -7.5 | 77 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 75 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 42.346 | -5.9 | 77 | 0.00 |

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|---|---|---|---|---|---|---|
| 88 | Benzo(b)fluoranthene | 40.000 | 42.724 | -6.8 | 75 | 0.00 |
| 89 | Benzo(k)fluoranthene | 40.000 | 42.928 | -7.3 | 81 | 0.00 |
| 90 C | Benzo(a)pyrene | 40.000 | 42.945 | -7.4 | 78 | 0.00 |
| 91 | Dibenzo(a,h)anthracene | 40.000 | 42.597 | -6.5 | 78 | 0.00 |
| 92 | Benzo(g,h,i)perylene | 40.000 | 42.179 | -5.4 | 76 | 0.00 |

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