# Evaluate Continuing Calibration Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061020\
Data File : BP002379.D
Acq On : 10 Jun 2020 17:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jun 11 02:53:20 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 | 95 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 37.147 | 7.1 | 87 | 0.00 |
| 3 | | Pyridine | 40.000 | 38.631 | 3.4 | 91 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 35.951 | 10.1 | 81 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 73.273 | 8.4 | 84 | 0.00 |
| 6 | | Aniline | 40.000 | 36.492 | 8.8 | 82 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 73.138 | 8.6 | 83 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 36.781 | 8.0 | 83 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 36.482 | 8.8 | 84 | 0.00 |
| 10 | C | Phenol | 40.000 | 36.444 | 8.9 | 82 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 36.079 | 9.8 | 82 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 36.831 | 7.9 | 84 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 37.279 | 6.8 | 85 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 37.352 | 6.6 | 85 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 36.504 | 8.7 | 81 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 34.740 | 13.1 | 79 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 37.001 | 7.5 | 83 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 36.610 | 8.5 | 84 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 36.640 | 8.4 | 82 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 37.174 | 7.1 | 83 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 91 | 0.00 |
| 22 | | Acetophenone | 40.000 | 37.376 | 6.6 | 83 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 74.140 | 7.3 | 82 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 36.403 | 9.0 | 81 | 0.00 |
| 25 | | Isophorone | 40.000 | 36.639 | 8.4 | 81 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 38.310 | 4.2 | 83 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 37.561 | 6.1 | 83 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 36.815 | 8.0 | 82 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 38.424 | 3.9 | 85 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 39.129 | 2.2 | 87 | 0.00 |
| 31 | | Naphthalene | 40.000 | 37.032 | 7.4 | 83 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 36.435 | 8.9 | 75 | -0.01 |
| 33 | | 4-Chloroaniline | 40.000 | 37.291 | 6.8 | 81 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 42.129 | -5.3 | 96 | 0.00 |
| 35 | | Caprolactam | 40.000 | 36.118 | 9.7 | 76 | -0.01 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 36.569 | 8.6 | 79 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 37.376 | 6.6 | 83 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 37.473 | 6.3 | 83 | 0.00 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 90 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 40.988 | -2.5 | 91 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 42.793 | -7.0 | 93 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 94.653 | -18.3 | 103 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 39.833 | 0.4 | 86 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 39.548 | 1.1 | 85 | 0.00 |

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| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 45 | S | 2-Fluorobiphenyl | 80.000 | 75.069 | 6.2 | 88 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 37.334 | 6.7 | 83 | 0.00 |
| 47 | | 2-Chloronaphthalene | 40.000 | 37.769 | 5.6 | 85 | 0.00 |
| 48 | | 2-Nitroaniline | 40.000 | 35.957 | 10.1 | 76 | 0.00 |
| 49 | | Acenaphthylene | 40.000 | 37.190 | 7.0 | 81 | 0.00 |
| 50 | | Dimethylphthalate | 40.000 | 37.560 | 6.1 | 82 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 37.821 | 5.4 | 81 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 37.488 | 6.3 | 84 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 36.614 | 8.5 | 77 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 37.130 | 7.2 | 78 | 0.00 |
| 55 | | Dibenzofuran | 40.000 | 37.779 | 5.6 | 83 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 35.623 | 10.9 | 73 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 37.466 | 6.3 | 78 | 0.00 |
| 58 | | Fluorene | 40.000 | 35.060 | 12.3 | 85 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 41.008 | -2.5 | 88 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 36.387 | 9.0 | 79 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 39.343 | 1.6 | 92 | 0.00 |
| 62 | | 4-Nitroaniline | 40.000 | 36.308 | 9.2 | 77 | 0.00 |
| 63 | | Azobenzene | 40.000 | 35.265 | 11.8 | 78 | 0.00 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 88 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 39.092 | 2.3 | 80 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 37.566 | 6.1 | 82 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 42.247 | -5.6 | 91 | 0.00 |
| 68 | | Hexachlorobenzene | 40.000 | 43.505 | -8.8 | 95 | 0.00 |
| 69 | | Atrazine | 40.000 | 37.560 | 6.1 | 79 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 42.564 | -6.4 | 86 | 0.00 |
| 71 | | Phenanthrene | 40.000 | 37.475 | 6.3 | 82 | 0.00 |
| 72 | | Anthracene | 40.000 | 37.597 | 6.0 | 82 | 0.00 |
| 73 | | Carbazole | 40.000 | 36.488 | 8.8 | 79 | 0.00 |
| 74 | | Di-n-butylphthalate | 40.000 | 36.015 | 10.0 | 77 | 0.00 |
| 75 | C | Fluoranthene | 40.000 | 38.293 | 4.3 | 82 | 0.00 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 95 | 0.00 |
| 77 | | Benzidine | 40.000 | 33.835 | 15.4 | 72 | 0.00 |
| 78 | | Pyrene | 40.000 | 36.693 | 8.3 | 84 | 0.00 |
| 79 | S | Terphenyl-d14 | 80.000 | 76.417 | 4.5 | 94 | 0.00 |
| 80 | | Butylbenzylphthalate | 40.000 | 32.935 | 17.7 | 73 | 0.00 |
| 81 | | Benzo(a)anthracene | 40.000 | 37.402 | 6.5 | 86 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 38.300 | 4.3 | 83 | 0.00 |
| 83 | | Chrysene | 40.000 | 38.029 | 4.9 | 88 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 33.330 | 16.7 | 76 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 32.979 | 17.6 | 75 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 94 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 37.937 | 5.2 | 87 | -0.01 |

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|---|---|---|---|---|---|---|
| 88 | Benzo(b)fluoranthene | 40.000 | 36.718 | 8.2 | 81 | 0.00 |
| 89 | Benzo(k)fluoranthene | 40.000 | 38.261 | 4.3 | 91 | -0.01 |
| 90 C | Benzo(a)pyrene | 40.000 | 37.477 | 6.3 | 85 | -0.01 |
| 91 | Dibenzo(a,h)anthracene | 40.000 | 38.841 | 2.9 | 89 | -0.01 |
| 92 | Benzo(g,h,i)perylene | 40.000 | 37.695 | 5.8 | 86 | -0.01 |

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