Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051521\
Data File : BP005563.D
Acq On : 15 May 2021 11:30
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: May 16 02:42:45 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 12:01:17 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 | 79 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 40.661 | -1.7 | 80 | 0.00 |
| 3 | | Pyridine | 40.000 | 42.871 | -7.2 | 84 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 39.509 | 1.2 | 77 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 76.987 | 3.8 | 80 | 0.01 |
| 6 | | Aniline | 40.000 | 40.377 | -0.9 | 82 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 81.618 | -2.0 | 80 | 0.01 |
| 8 | | 2-Chlorophenol | 40.000 | 40.192 | -0.5 | 80 | 0.01 |
| 9 | | Benzaldehyde | 40.000 | 43.226 | -8.1 | 83 | 0.01 |
| 10 | C | Phenol | 40.000 | 39.317 | 1.7 | 80 | 0.02 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 38.665 | 3.3 | 81 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 37.937 | 5.2 | 82 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 37.958 | 5.1 | 80 | 0.01 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 39.268 | 1.8 | 81 | 0.01 |
| 15 | | Benzyl Alcohol | 40.000 | 38.201 | 4.5 | 75 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 38.950 | 2.6 | 77 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 42.192 | -5.5 | 85 | 0.01 |
| 18 | | Hexachloroethane | 40.000 | 37.459 | 6.4 | 78 | 0.01 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 43.597 | -9.0 | 86 | 0.01 |
| 20 | | 3+4-Methylphenols | 40.000 | 42.107 | -5.3 | 83 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 85 | 0.01 |
| 22 | | Acetophenone | 40.000 | 38.298 | 4.3 | 82 | 0.01 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 73.533 | 8.1 | 79 | 0.01 |
| 24 | | Nitrobenzene | 40.000 | 37.824 | 5.4 | 82 | 0.01 |
| 25 | | Isophorone | 40.000 | 39.529 | 1.2 | 85 | 0.01 |
| 26 | C | 2-Nitrophenol | 40.000 | 36.635 | 8.4 | 82 | 0.01 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 37.935 | 5.2 | 82 | 0.01 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 37.382 | 6.5 | 81 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 36.374 | 9.1 | 78 | 0.02 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 35.296 | 11.8 | 77 | 0.01 |
| 31 | | Naphthalene | 40.000 | 37.040 | 7.4 | 79 | 0.01 |
| 32 | | Benzoic acid | 40.000 | 35.380 | 11.5 | 74 | 0.02 |
| 33 | | 4-Chloroaniline | 40.000 | 37.742 | 5.6 | 81 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 35.227 | 11.9 | 79 | 0.01 |
| 35 | | Caprolactam | 40.000 | 39.564 | 1.1 | 82 | 0.02 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 38.701 | 3.2 | 83 | 0.01 |
| 37 | | 2-Methylnaphthalene | 40.000 | 37.579 | 6.1 | 82 | 0.01 |
| 38 | | 1-Methylnaphthalene | 40.000 | 38.350 | 4.1 | 82 | 0.01 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 84 | 0.01 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 35.137 | 12.2 | 82 | 0.01 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 34.001 | 15.0 | 75 | 0.02 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 69.791 | 12.8 | 79 | 0.02 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 35.479 | 11.3 | 78 | 0.01 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 36.580 | 8.6 | 83 | 0.01 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 72.999 | 8.8 | 82 | 0.01 |
| 46 | | 1,1'-Biphenyl | 40.000 | 36.567 | 8.6 | 82 | 0.01 |
| 47 | | 2-Chloronaphthalene | 40.000 | 36.365 | 9.1 | 82 | 0.02 |

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Misc :
ALS Vial : 2 Sample Multiplier: 1

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

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

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 40.000 | 38.914 | 2.7 | 82 | 0.01 |
| 49 | | Acenaphthylene | 40.000 | 37.017 | 7.5 | 82 | 0.01 |
| 50 | | Dimethylphthalate | 40.000 | 36.936 | 7.7 | 83 | 0.01 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 37.328 | 6.7 | 83 | 0.01 |
| 52 | C | Acenaphthene | 40.000 | 35.774 | 10.6 | 79 | 0.01 |
| 53 | | 3-Nitroaniline | 40.000 | 36.130 | 9.7 | 76 | 0.01 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 38.184 | 4.5 | 77 | 0.01 |
| 55 | | Dibenzofuran | 40.000 | 36.171 | 9.6 | 81 | 0.02 |
| 56 | P | 4-Nitrophenol | 40.000 | 40.868 | -2.2 | 84 | 0.01 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 37.316 | 6.7 | 85 | 0.01 |
| 58 | | Fluorene | 40.000 | 36.424 | 8.9 | 79 | 0.02 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 36.284 | 9.3 | 80 | 0.02 |
| 60 | | Diethylphthalate | 40.000 | 36.914 | 7.7 | 82 | 0.01 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 36.501 | 8.7 | 83 | 0.02 |
| 62 | | 4-Nitroaniline | 40.000 | 37.529 | 6.2 | 81 | 0.01 |
| 63 | | Azobenzene | 40.000 | 37.535 | 6.2 | 81 | 0.02 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 83 | 0.01 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 37.448 | 6.4 | 75 | 0.01 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 38.090 | 4.8 | 79 | 0.02 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 38.270 | 4.3 | 84 | 0.01 |
| 68 | | Hexachlorobenzene | 40.000 | 37.556 | 6.1 | 84 | 0.02 |
| 69 | | Atrazine | 40.000 | 37.799 | 5.5 | 82 | 0.02 |
| 70 | C | Pentachlorophenol | 40.000 | 32.701 | 18.2 | 70 | 0.01 |
| 71 | | Phenanthrene | 40.000 | 37.420 | 6.4 | 79 | 0.01 |
| 72 | | Anthracene | 40.000 | 37.553 | 6.1 | 80 | 0.01 |
| 73 | | Carbazole | 40.000 | 36.630 | 8.4 | 77 | 0.02 |
| 74 | | Di-n-butylphthalate | 40.000 | 38.039 | 4.9 | 81 | 0.02 |
| 75 | C | Fluoranthene | 40.000 | 36.638 | 8.4 | 79 | 0.01 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 77 | 0.01 |
| 77 | | Benzidine | 40.000 | 44.231 | -10.6 | 80 | 0.01 |
| 78 | | Pyrene | 40.000 | 38.949 | 2.6 | 79 | 0.01 |
| 79 | S | Terphenyl-d14 | 80.000 | 79.508 | 0.6 | 79 | 0.01 |
| 80 | | Butylbenzylphthalate | 40.000 | 40.925 | -2.3 | 81 | 0.01 |
| 81 | | Benzo(a)anthracene | 40.000 | 38.173 | 4.6 | 77 | 0.01 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 38.174 | 4.6 | 78 | 0.01 |
| 83 | | Chrysene | 40.000 | 38.426 | 3.9 | 77 | 0.01 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 40.199 | -0.5 | 78 | 0.01 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 40.486 | -1.2 | 80 | 0.01 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 81 | 0.02 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 37.349 | 6.6 | 79 | 0.04 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 36.751 | 8.1 | 74 | 0.02 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 37.272 | 6.8 | 81 | 0.02 |
| 90 | C | Benzo(a)pyrene | 40.000 | 36.805 | 8.0 | 77 | 0.02 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 37.260 | 6.9 | 78 | 0.04 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 36.676 | 8.3 | 76 | 0.04 |

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

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