Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122220\
Data File : BF122816.D
Acq On : 22 Dec 2020 17:18
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_F
**LabSampleId :** SSTDCCC040

Quant Time: Dec 22 17:47:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 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 | 90 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 36.663 | 8.3 | 82 | 0.02 |
| 3 | | Pyridine | 40.000 | 37.070 | 7.3 | 81 | 0.02 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 34.813 | 13.0 | 76 | 0.03 |
| 5 | S | 2-Fluorophenol | 80.000 | 77.805 | 2.7 | 88 | 0.00 |
| 6 | | Aniline | 40.000 | 38.822 | 2.9 | 86 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 73.131 | 8.6 | 82 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 37.571 | 6.1 | 84 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 31.362 | 21.6 | 80 | 0.00 |
| 10 | C | Phenol | 40.000 | 36.443 | 8.9 | 82 | 0.01 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 37.005 | 7.5 | 83 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 35.655 | 10.9 | 80 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 35.391 | 11.5 | 80 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 34.518 | 13.7 | 81 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 37.926 | 5.2 | 83 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 32.221 | 19.4 | 72 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 38.208 | 4.5 | 83 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 35.201 | 12.0 | 78 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 34.032 | 14.9 | 76 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 34.835 | 12.9 | 80 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 88 | 0.00 |
| 22 | | Acetophenone | 40.000 | 36.867 | 7.8 | 82 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 70.505 | 11.9 | 76 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 36.685 | 8.3 | 80 | 0.00 |
| 25 | | Isophorone | 40.000 | 38.244 | 4.4 | 83 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 41.007 | -2.5 | 87 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 43.707 | -9.3 | 95 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 36.053 | 9.9 | 79 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 37.599 | 6.0 | 81 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 35.959 | 10.1 | 79 | 0.00 |
| 31 | | Naphthalene | 40.000 | 37.303 | 6.7 | 82 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 32.141 | 19.6 | 65 | 0.01 |
| 33 | | 4-Chloroaniline | 40.000 | 38.223 | 4.4 | 83 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 34.660 | 13.4 | 76 | 0.00 |
| 35 | | Caprolactam | 40.000 | 38.132 | 4.7 | 82 | 0.01 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 38.458 | 3.9 | 83 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 37.297 | 6.8 | 82 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 36.430 | 8.9 | 81 | 0.00 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 88 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 37.807 | 5.5 | 82 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 34.677 | 13.3 | 71 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 79.202 | 1.0 | 84 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 36.010 | 10.0 | 76 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 37.545 | 6.1 | 81 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 65.189 | 18.5 | 76 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 37.492 | 6.3 | 82 | 0.00 |
| 47 | | 2-Chloronaphthalene | 40.000 | 35.703 | 10.7 | 78 | 0.00 |

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**Instrument :** BNA_F
**LabSampleId :** SSTDCCC040

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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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 | 34.697 | 13.3 | 73 | 0.00 |
| 49 | | Acenaphthylene | 40.000 | 36.956 | 7.6 | 81 | 0.00 |
| 50 | | Dimethylphthalate | 40.000 | 36.370 | 9.1 | 79 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 39.015 | 2.5 | 82 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 33.441 | 16.4 | 72 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 35.926 | 10.2 | 75 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 38.877 | 2.8 | 79 | 0.00 |
| 55 | | Dibenzofuran | 40.000 | 36.243 | 9.4 | 80 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 34.570 | 13.6 | 71 | 0.02 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 38.103 | 4.7 | 80 | 0.00 |
| 58 | | Fluorene | 40.000 | 35.419 | 11.5 | 82 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 35.692 | 10.8 | 76 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 35.696 | 10.8 | 78 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 35.568 | 11.1 | 79 | 0.00 |
| 62 | | 4-Nitroaniline | 40.000 | 35.681 | 10.8 | 76 | 0.01 |
| 63 | | Azobenzene | 40.000 | 35.757 | 10.6 | 77 | 0.00 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 88 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 43.794 | -9.5 | 89 | 0.01 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 37.217 | 7.0 | 81 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 35.978 | 10.1 | 77 | 0.00 |
| 68 | | Hexachlorobenzene | 40.000 | 35.942 | 10.1 | 78 | 0.00 |
| 69 | | Atrazine | 40.000 | 30.576 | 23.6 | 67 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 36.243 | 9.4 | 72 | 0.01 |
| 71 | | Phenanthrene | 40.000 | 36.220 | 9.5 | 80 | 0.00 |
| 72 | | Anthracene | 40.000 | 38.475 | 3.8 | 85 | 0.00 |
| 73 | | Carbazole | 40.000 | 37.473 | 6.3 | 82 | 0.01 |
| 74 | | Di-n-butylphthalate | 40.000 | 35.527 | 11.2 | 78 | 0.00 |
| 75 | C | Fluoranthene | 40.000 | 36.321 | 9.2 | 79 | 0.01 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 88 | 0.01 |
| 77 | | Benzidine | 40.000 | 46.386 | -16.0 | 90 | 0.00 |
| 78 | | Pyrene | 40.000 | 36.583 | 8.5 | 80 | 0.01 |
| 79 | S | Terphenyl-d14 | 80.000 | 67.522 | 15.6 | 77 | 0.00 |
| 80 | | Butylbenzylphthalate | 40.000 | 35.639 | 10.9 | 77 | 0.00 |
| 81 | | Benzo(a)anthracene | 40.000 | 37.566 | 6.1 | 83 | 0.01 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 42.023 | -5.1 | 91 | 0.01 |
| 83 | | Chrysene | 40.000 | 36.714 | 8.2 | 81 | 0.01 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 36.081 | 9.8 | 80 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 35.239 | 11.9 | 78 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 96 | 0.02 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 38.452 | 3.9 | 94 | 0.04 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 36.647 | 8.4 | 84 | 0.02 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 36.345 | 9.1 | 88 | 0.02 |
| 90 | C | Benzo(a)pyrene | 40.000 | 36.095 | 9.8 | 86 | 0.02 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 38.882 | 2.8 | 95 | 0.03 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 39.176 | 2.1 | 97 | 0.04 |

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| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|

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