# Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090524\
Data File : BF139250.D
Acq On : 05 Sep 2024 09:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Sep 05 10:47:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
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 | 39.690 | 0.8 | 97 | 0.00 |
| 3 | | Pyridine | 40.000 | 40.037 | -0.1 | 98 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 39.642 | 0.9 | 96 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 78.555 | 1.8 | 98 | 0.00 |
| 6 | | Aniline | 40.000 | 39.421 | 1.4 | 97 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 78.694 | 1.6 | 97 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 39.452 | 1.4 | 98 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 36.758 | 8.1 | 99 | 0.00 |
| 10 | C | Phenol | 40.000 | 40.058 | -0.1 | 98 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 39.565 | 1.1 | 98 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 39.010 | 2.5 | 97 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 39.347 | 1.6 | 97 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 39.738 | 0.7 | 98 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 39.679 | 0.8 | 96 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 38.980 | 2.6 | 95 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 39.385 | 1.5 | 97 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 39.285 | 1.8 | 97 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 39.746 | 0.6 | 99 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 39.850 | 0.4 | 98 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 98 | 0.00 |
| 22 | | Acetophenone | 40.000 | 38.638 | 3.4 | 98 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 78.559 | 1.8 | 98 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 38.963 | 2.6 | 98 | 0.00 |
| 25 | | Isophorone | 40.000 | 38.830 | 2.9 | 97 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 40.586 | -1.5 | 97 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 39.968 | 0.1 | 99 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 39.142 | 2.1 | 99 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 38.987 | 2.5 | 96 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 39.299 | 1.8 | 99 | 0.00 |
| 31 | | Naphthalene | 40.000 | 38.841 | 2.9 | 98 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 39.139 | 2.2 | 97 | 0.00 |
| 33 | | 4-Chloroaniline | 40.000 | 38.275 | 4.3 | 98 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 39.095 | 2.3 | 99 | 0.00 |
| 35 | | Caprolactam | 40.000 | 41.829 | -4.6 | 102 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 40.014 | -0.0 | 99 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 38.870 | 2.8 | 99 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 38.784 | 3.0 | 98 | 0.00 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 98 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 38.448 | 3.9 | 99 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 38.795 | 3.0 | 90 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 80.256 | -0.3 | 100 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 39.884 | 0.3 | 97 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 39.521 | 1.2 | 99 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 75.514 | 5.6 | 99 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 38.366 | 4.1 | 98 | 0.00 |
| 47 | | 2-Chloronaphthalene | 40.000 | 38.591 | 3.5 | 99 | 0.00 |

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| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 40.000 | 40.114 | -0.3 | 98 | 0.00 |
| 49 | | Acenaphthylene | 40.000 | 38.603 | 3.5 | 98 | 0.00 |
| 50 | | Dimethylphthalate | 40.000 | 38.932 | 2.7 | 100 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 40.745 | -1.9 | 99 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 38.505 | 3.7 | 97 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 39.646 | 0.9 | 98 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 35.729 | 10.7 | 91 | 0.00 |
| 55 | | Dibenzofuran | 40.000 | 38.737 | 3.2 | 99 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 41.877 | -4.7 | 99 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 42.223 | -5.6 | 101 | 0.00 |
| 58 | | Fluorene | 40.000 | 38.307 | 4.2 | 98 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 40.834 | -2.1 | 102 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 40.195 | -0.5 | 101 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 38.657 | 3.4 | 98 | 0.00 |
| 62 | | 4-Nitroaniline | 40.000 | 42.439 | -6.1 | 103 | 0.00 |
| 63 | | Azobenzene | 40.000 | 39.088 | 2.3 | 99 | 0.00 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 99 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 39.005 | 2.5 | 93 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 39.073 | 2.3 | 101 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 38.618 | 3.5 | 98 | 0.00 |
| 68 | | Hexachlorobenzene | 40.000 | 38.574 | 3.6 | 100 | 0.00 |
| 69 | | Atrazine | 40.000 | 40.851 | -2.1 | 109 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 41.250 | -3.1 | 96 | 0.00 |
| 71 | | Phenanthrene | 40.000 | 38.790 | 3.0 | 101 | 0.00 |
| 72 | | Anthracene | 40.000 | 39.431 | 1.4 | 101 | 0.00 |
| 73 | | Carbazole | 40.000 | 40.497 | -1.2 | 104 | 0.00 |
| 74 | | Di-n-butylphthalate | 40.000 | 43.784 | -9.5 | 107 | 0.00 |
| 75 | C | Fluoranthene | 40.000 | 42.579 | -6.4 | 110 | 0.00 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 113 | 0.00 |
| 77 | | Benzidine | 40.000 | 49.407 | -23.5 | 130 | 0.00 |
| 78 | | Pyrene | 40.000 | 38.639 | 3.4 | 109 | 0.00 |
| 79 | S | Terphenyl-d14 | 80.000 | 78.109 | 2.4 | 112 | 0.00 |
| 80 | | Butylbenzylphthalate | 40.000 | 48.255 | -20.6 | 128 | 0.00 |
| 81 | | Benzo(a)anthracene | 40.000 | 39.171 | 2.1 | 116 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 39.807 | 0.5 | 110 | 0.00 |
| 83 | | Chrysene | 40.000 | 38.385 | 4.0 | 109 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 43.615 | -9.0 | 114 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 33.175 | 17.1 | 90 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 102 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 34.056 | 14.9 | 86 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 39.137 | 2.2 | 100 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 41.940 | -4.8 | 108 | 0.00 |
| 90 | C | Benzo(a)pyrene | 40.000 | 40.041 | -0.1 | 101 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 33.814 | 15.5 | 85 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 32.039 | 19.9 | 82 | 0.00 |

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