# Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081324\
Data File : BM047167.D
Acq On : 13 Aug 2024 08:45
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_M
**LabSampleId :**
SSTDCCC040

Quant Time: Aug 13 10:51:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 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 | 62 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 40.006 | -0.0 | 66 | 0.00 |
| 3 | | Pyridine | 40.000 | 34.752 | 13.1 | 56 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 41.349 | -3.4 | 67 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 77.341 | 3.3 | 63 | 0.00 |
| 6 | | Aniline | 40.000 | 42.306 | -5.8 | 67 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 78.955 | 1.3 | 64 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 40.788 | -2.0 | 65 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 35.402 | 11.5 | 60 | 0.00 |
| 10 | C | Phenol | 40.000 | 38.532 | 3.7 | 63 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 41.585 | -4.0 | 66 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 39.440 | 1.4 | 63 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 39.546 | 1.1 | 63 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 39.101 | 2.2 | 64 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 41.728 | -4.3 | 65 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 43.322 | -8.3 | 68 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 42.099 | -5.2 | 67 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 42.382 | -6.0 | 68 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 41.128 | -2.8 | 67 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 42.687 | -6.7 | 67 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 69 | 0.00 |
| 22 | | Acetophenone | 40.000 | 36.552 | 8.6 | 66 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 77.713 | 2.9 | 69 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 40.288 | -0.7 | 71 | 0.00 |
| 25 | | Isophorone | 40.000 | 39.478 | 1.3 | 69 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 39.254 | 1.9 | 66 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 39.627 | 0.9 | 68 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 40.570 | -1.4 | 70 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 39.364 | 1.6 | 67 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 38.080 | 4.8 | 66 | 0.00 |
| 31 | | Naphthalene | 40.000 | 38.432 | 3.9 | 69 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 41.733 | -4.3 | 69 | -0.02 |
| 33 | | 4-Chloroaniline | 40.000 | 41.597 | -4.0 | 72 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 36.504 | 8.7 | 64 | 0.00 |
| 35 | | Caprolactam | 40.000 | 41.159 | -2.9 | 70 | -0.01 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 41.718 | -4.3 | 72 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 39.481 | 1.3 | 70 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 39.360 | 1.6 | 70 | 0.00 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 73 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 35.981 | 10.0 | 66 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 37.367 | 6.6 | 65 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 80.178 | -0.2 | 74 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 37.325 | 6.7 | 66 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 37.694 | 5.8 | 68 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 74.264 | 7.2 | 70 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 37.541 | 6.1 | 71 | 0.00 |
| 47 | | 2-Chloronaphthalene | 40.000 | 37.190 | 7.0 | 71 | 0.00 |

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**LabSampleId :**
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| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 40.000 | 42.796 | -7.0 | 77 | 0.00 |
| 49 | | Acenaphthylene | 40.000 | 38.680 | 3.3 | 73 | 0.00 |
| 50 | | Dimethylphthalate | 40.000 | 39.261 | 1.8 | 73 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 40.001 | -0.0 | 73 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 38.908 | 2.7 | 74 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 41.572 | -3.9 | 75 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 39.493 | 1.3 | 69 | 0.00 |
| 55 | | Dibenzofuran | 40.000 | 38.474 | 3.8 | 73 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 41.988 | -5.0 | 74 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 41.267 | -3.2 | 75 | 0.00 |
| 58 | | Fluorene | 40.000 | 40.126 | -0.3 | 76 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 39.197 | 2.0 | 72 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 40.704 | -1.8 | 76 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 38.605 | 3.5 | 73 | 0.00 |
| 62 | | 4-Nitroaniline | 40.000 | 42.078 | -5.2 | 78 | 0.00 |
| 63 | | Azobenzene | 40.000 | 42.054 | -5.1 | 79 | 0.00 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 78 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 40.255 | -0.6 | 73 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 38.342 | 4.1 | 76 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 37.002 | 7.5 | 73 | 0.00 |
| 68 | | Hexachlorobenzene | 40.000 | 37.847 | 5.4 | 75 | 0.00 |
| 69 | | Atrazine | 40.000 | 37.733 | 5.7 | 71 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 39.061 | 2.3 | 74 | 0.00 |
| 71 | | Phenanthrene | 40.000 | 39.274 | 1.8 | 79 | 0.00 |
| 72 | | Anthracene | 40.000 | 39.500 | 1.3 | 79 | 0.00 |
| 73 | | Carbazole | 40.000 | 39.809 | 0.5 | 80 | 0.00 |
| 74 | | Di-n-butylphthalate | 40.000 | 40.652 | -1.6 | 79 | 0.00 |
| 75 | C | Fluoranthene | 40.000 | 39.754 | 0.6 | 79 | 0.00 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 81 | 0.00 |
| 77 | | Benzidine | 40.000 | 70.532 | -76.3# | 100 | 0.00 |
| 78 | | Pyrene | 40.000 | 39.307 | 1.7 | 80 | 0.00 |
| 79 | S | Terphenyl-d14 | 80.000 | 78.957 | 1.3 | 80 | 0.00 |
| 80 | | Butylbenzylphthalate | 40.000 | 41.308 | -3.3 | 81 | 0.00 |
| 81 | | Benzo(a)anthracene | 40.000 | 39.611 | 1.0 | 82 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 41.206 | -3.0 | 79 | 0.00 |
| 83 | | Chrysene | 40.000 | 38.959 | 2.6 | 82 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 40.974 | -2.4 | 82 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 41.361 | -3.4 | 81 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 82 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 40.215 | -0.5 | 84 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 39.710 | 0.7 | 84 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 39.490 | 1.3 | 83 | 0.00 |
| 90 | C | Benzo(a)pyrene | 40.000 | 40.156 | -0.4 | 83 | -0.01 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 40.167 | -0.4 | 85 | -0.02 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 40.347 | -0.9 | 84 | -0.01 |

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