# Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100121\
Data File : BM032304.D
Acq On : 30 Sep 2021 20:41
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ICVBM100121

Quant Time: Oct 01 10:41:47 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 10:39:43 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 | 80 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 36.846 | 7.9 | 78 | 0.00 |
| 3 | | Pyridine | 40.000 | 37.553 | 6.1 | 77 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 36.558 | 8.6 | 75 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 76.765 | 4.0 | 79 | 0.00 |
| 6 | | Aniline | 40.000 | 38.758 | 3.1 | 78 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 77.171 | 3.5 | 78 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 39.076 | 2.3 | 80 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 36.678 | 8.3 | 80 | 0.00 |
| 10 | C | Phenol | 40.000 | 38.595 | 3.5 | 78 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 37.900 | 5.3 | 78 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 38.326 | 4.2 | 80 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 38.357 | 4.1 | 80 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 38.375 | 4.1 | 80 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 40.814 | -2.0 | 81 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 36.303 | 9.2 | 74 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 40.056 | -0.1 | 80 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 39.946 | 0.1 | 80 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 39.985 | 0.0 | 78 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 40.309 | -0.8 | 80 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 81 | 0.00 |
| 22 | | Acetophenone | 40.000 | 38.311 | 4.2 | 79 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 78.650 | 1.7 | 79 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 38.898 | 2.8 | 79 | 0.00 |
| 25 | | Isophorone | 40.000 | 40.816 | -2.0 | 80 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 43.499 | -8.7 | 84 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 39.860 | 0.4 | 80 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 38.157 | 4.6 | 78 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 40.631 | -1.6 | 82 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 39.184 | 2.0 | 83 | 0.00 |
| 31 | | Naphthalene | 40.000 | 38.391 | 4.0 | 80 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 41.861 | -4.7 | 86 | 0.00 |
| 33 | | 4-Chloroaniline | 40.000 | 39.600 | 1.0 | 80 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 39.575 | 1.1 | 84 | 0.00 |
| 35 | | Caprolactam | 40.000 | 41.036 | -2.6 | 83 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 41.086 | -2.7 | 83 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 39.312 | 1.7 | 82 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 39.234 | 1.9 | 81 | 0.00 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 84 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 37.793 | 5.5 | 83 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 41.473 | -3.7 | 84 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 85.424 | -6.8 | 89 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 40.426 | -1.1 | 85 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 40.184 | -0.5 | 85 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 77.237 | 3.5 | 83 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 37.962 | 5.1 | 83 | 0.00 |
| 47 | | 2-Chloronaphthalene | 40.000 | 38.145 | 4.6 | 83 | 0.00 |

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| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 40.000 | 42.548 | -6.4 | 83 | 0.00 |
| 49 | | Acenaphthylene | 40.000 | 39.675 | 0.8 | 83 | 0.00 |
| 50 | | Dimethylphthalate | 40.000 | 39.844 | 0.4 | 85 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 42.597 | -6.5 | 86 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 39.083 | 2.3 | 84 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 42.843 | -7.1 | 85 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 41.096 | -2.7 | 87 | 0.00 |
| 55 | | Dibenzofuran | 40.000 | 38.556 | 3.6 | 84 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 43.428 | -8.6 | 87 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 44.838 | -12.1 | 88 | 0.00 |
| 58 | | Fluorene | 40.000 | 37.662 | 5.8 | 83 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 40.957 | -2.4 | 86 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 40.621 | -1.6 | 86 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 38.440 | 3.9 | 85 | 0.00 |
| 62 | | 4-Nitroaniline | 40.000 | 43.384 | -8.5 | 85 | 0.00 |
| 63 | | Azobenzene | 40.000 | 39.762 | 0.6 | 81 | 0.00 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 87 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 42.650 | -6.6 | 88 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 37.850 | 5.4 | 84 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 39.148 | 2.1 | 87 | 0.00 |
| 68 | | Hexachlorobenzene | 40.000 | 39.096 | 2.3 | 89 | 0.00 |
| 69 | | Atrazine | 40.000 | 40.606 | -1.5 | 89 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 43.267 | -8.2 | 90 | 0.00 |
| 71 | | Phenanthrene | 40.000 | 37.664 | 5.8 | 85 | 0.00 |
| 72 | | Anthracene | 40.000 | 38.821 | 2.9 | 86 | 0.00 |
| 73 | | Carbazole | 40.000 | 38.629 | 3.4 | 85 | 0.00 |
| 74 | | Di-n-butylphthalate | 40.000 | 42.179 | -5.4 | 89 | 0.00 |
| 75 | C | Fluoranthene | 40.000 | 38.949 | 2.6 | 87 | 0.00 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 87 | 0.00 |
| 77 | | Benzidine | 40.000 | 39.946 | 0.1 | 86 | 0.00 |
| 78 | | Pyrene | 40.000 | 39.041 | 2.4 | 87 | 0.00 |
| 79 | S | Terphenyl-d14 | 80.000 | 82.495 | -3.1 | 90 | 0.00 |
| 80 | | Butylbenzylphthalate | 40.000 | 44.806 | -12.0 | 92 | 0.00 |
| 81 | | Benzo(a)anthracene | 40.000 | 39.122 | 2.2 | 88 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 41.371 | -3.4 | 88 | 0.00 |
| 83 | | Chrysene | 40.000 | 38.458 | 3.9 | 88 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 44.234 | -10.6 | 90 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 45.660 | -14.1 | 90 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 89 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 38.270 | 4.3 | 88 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 40.081 | -0.2 | 93 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 35.981 | 10.0 | 84 | 0.00 |
| 90 | C | Benzo(a)pyrene | 40.000 | 39.562 | 1.1 | 89 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 38.238 | 4.4 | 88 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 38.644 | 3.4 | 87 | 0.00 |

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