# Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060823\
Data File : BM040158.D
Acq On : 08 Jun 2023 14:51
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
ICVBM060823

Quant Time: Jun 08 23:27:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 08 23:25:50 2023
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 | 145 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 37.514 | 6.2 | 137 | 0.00 |
| 3 | | Pyridine | 40.000 | 38.005 | 5.0 | 131 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 36.260 | 9.4 | 126 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 77.330 | 3.3 | 136 | 0.00 |
| 6 | | Aniline | 40.000 | 37.873 | 5.3 | 131 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 74.902 | 6.4 | 128 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 39.270 | 1.8 | 139 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 34.753 | 13.1 | 125 | 0.00 |
| 10 | C | Phenol | 40.000 | 37.379 | 6.6 | 130 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 37.038 | 7.4 | 133 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 39.444 | 1.4 | 144 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 39.347 | 1.6 | 143 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 39.868 | 0.3 | 144 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 38.165 | 4.6 | 131 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 36.481 | 8.8 | 129 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 39.193 | 2.0 | 134 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 40.188 | -0.5 | 144 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 38.626 | 3.4 | 128 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 39.171 | 2.1 | 134 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 143 | 0.00 |
| 22 | | Acetophenone | 40.000 | 38.646 | 3.4 | 131 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 77.571 | 3.0 | 130 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 38.318 | 4.2 | 131 | 0.00 |
| 25 | | Isophorone | 40.000 | 39.366 | 1.6 | 130 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 43.951 | -9.9 | 149 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 40.262 | -0.7 | 136 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 38.635 | 3.4 | 134 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 42.231 | -5.6 | 144 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 41.425 | -3.6 | 148 | 0.00 |
| 31 | | Naphthalene | 40.000 | 39.342 | 1.6 | 137 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 40.846 | -2.1 | 153 | 0.01 |
| 33 | | 4-Chloroaniline | 40.000 | 40.546 | -1.4 | 139 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 42.355 | -5.9 | 153 | 0.00 |
| 35 | | Caprolactam | 40.000 | 42.414 | -6.0 | 138 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 39.722 | 0.7 | 132 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 39.363 | 1.6 | 136 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 39.449 | 1.4 | 136 | 0.00 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 144 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 41.285 | -3.2 | 147 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 43.517 | -8.8 | 151 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 83.341 | -4.2 | 146 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 42.704 | -6.8 | 147 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 42.341 | -5.9 | 146 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 79.683 | 0.4 | 137 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 39.607 | 1.0 | 138 | 0.00 |
| 47 | | 2-Chloronaphthalene | 40.000 | 40.301 | -0.8 | 141 | 0.00 |

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| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 40.000 | 39.753 | 0.6 | 127 | 0.00 |
| 49 | | Acenaphthylene | 40.000 | 40.510 | -1.3 | 138 | 0.00 |
| 50 | | Dimethylphthalate | 40.000 | 39.778 | 0.6 | 139 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 42.508 | -6.3 | 146 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 39.591 | 1.0 | 138 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 41.832 | -4.6 | 139 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 39.851 | 0.4 | 156 | 0.00 |
| 55 | | Dibenzofuran | 40.000 | 39.660 | 0.9 | 138 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 42.098 | -5.2 | 140 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 43.261 | -8.2 | 147 | 0.00 |
| 58 | | Fluorene | 40.000 | 39.662 | 0.8 | 133 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 42.403 | -6.0 | 148 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 40.171 | -0.4 | 137 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 40.723 | -1.8 | 138 | 0.00 |
| 62 | | 4-Nitroaniline | 40.000 | 41.909 | -4.8 | 135 | 0.00 |
| 63 | | Azobenzene | 40.000 | 37.593 | 6.0 | 121 | 0.00 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 143 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 43.000 | -7.5 | 153 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 40.692 | -1.7 | 138 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 41.987 | -5.0 | 147 | 0.00 |
| 68 | | Hexachlorobenzene | 40.000 | 41.497 | -3.7 | 143 | 0.00 |
| 69 | | Atrazine | 40.000 | 42.454 | -6.1 | 143 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 41.196 | -3.0 | 146 | 0.00 |
| 71 | | Phenanthrene | 40.000 | 39.742 | 0.6 | 137 | 0.00 |
| 72 | | Anthracene | 40.000 | 41.283 | -3.2 | 138 | 0.00 |
| 73 | | Carbazole | 40.000 | 40.540 | -1.3 | 136 | 0.00 |
| 74 | | Di-n-butylphthalate | 40.000 | 42.152 | -5.4 | 137 | 0.00 |
| 75 | C | Fluoranthene | 40.000 | 40.823 | -2.1 | 138 | 0.00 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 137 | 0.00 |
| 77 | | Benzidine | 40.000 | 51.208 | -28.0# | 155 | 0.00 |
| 78 | | Pyrene | 40.000 | 41.808 | -4.5 | 139 | 0.00 |
| 79 | S | Terphenyl-d14 | 80.000 | 88.814 | -11.0 | 128 | 0.00 |
| 80 | | Butylbenzylphthalate | 40.000 | 44.270 | -10.7 | 138 | 0.00 |
| 81 | | Benzo(a)anthracene | 40.000 | 41.500 | -3.8 | 134 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 44.258 | -10.6 | 136 | 0.00 |
| 83 | | Chrysene | 40.000 | 41.438 | -3.6 | 134 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 43.814 | -9.5 | 130 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 44.978 | -12.4 | 135 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 137 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 40.843 | -2.1 | 126 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 41.295 | -3.2 | 132 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 43.356 | -8.4 | 138 | 0.00 |
| 90 | C | Benzo(a)pyrene | 40.000 | 42.216 | -5.5 | 135 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 40.816 | -2.0 | 125 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 40.136 | -0.3 | 126 | 0.00 |

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

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