# Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022222\
Data File : BM034043.D
Acq On : 22 Feb 2022 17:28
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
ICVBM022222

Quant Time: Feb 23 05:14:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 22 17:55:56 2022
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 | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 95 | 0.00 |
| 2 | | 1,4-Dioxane | 0.431 | 0.406 | 5.8 | 91 | 0.00 |
| 3 | | Pyridine | 1.212 | 1.180 | 2.6 | 92 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.606 | 0.586 | 3.3 | 92 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.122 | 1.107 | 1.3 | 93 | 0.00 |
| 6 | | Aniline | 1.628 | 1.664 | -2.2 | 95 | 0.00 |
| 7 | S | Phenol-d6 | 1.473 | 1.511 | -2.6 | 95 | 0.00 |
| 8 | | 2-Chlorophenol | 1.255 | 1.275 | -1.6 | 93 | 0.00 |
| 9 | | Benzaldehyde | 0.827 | 0.770 | 6.9 | 97 | 0.00 |
| 10 | C | Phenol | 1.449 | 1.483 | -2.3 | 95 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.156 | 1.180 | -2.1 | 96 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.475 | 1.460 | 1.0 | 93 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.508 | 1.500 | 0.5 | 94 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.472 | 1.472 | 0.0 | 94 | 0.00 |
| 15 | | Benzyl Alcohol | 1.136 | 1.203 | -5.9 | 98 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 1.537 | 1.540 | -0.2 | 93 | 0.00 |
| 17 | | 2-Methylphenol | 1.021 | 1.067 | -4.5 | 96 | 0.00 |
| 18 | | Hexachloroethane | 0.516 | 0.522 | -1.2 | 95 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 0.952 | 1.022 | -7.4 | 100 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.409 | 1.474 | -4.6 | 97 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 97 | 0.00 |
| 22 | | Acetophenone | 0.483 | 0.476 | 1.4 | 96 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.371 | 0.372 | -0.3 | 97 | 0.00 |
| 24 | | Nitrobenzene | 0.345 | 0.344 | 0.3 | 97 | 0.00 |
| 25 | | Isophorone | 0.598 | 0.615 | -2.8 | 99 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.163 | 0.173 | -6.1 | 99 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.263 | 0.266 | -1.1 | 99 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.405 | 0.408 | -0.7 | 99 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.325 | 0.329 | -1.2 | 97 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.381 | 0.374 | 1.8 | 97 | 0.00 |
| 31 | | Naphthalene | 1.028 | 1.013 | 1.5 | 97 | 0.00 |
| 32 | | Benzoic acid | 0.199 | 0.219 | -10.1 | 105 | 0.00 |
| 33 | | 4-Chloroaniline | 0.421 | 0.425 | -1.0 | 98 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.242 | 0.239 | 1.2 | 97 | 0.00 |
| 35 | | Caprolactam | 0.065 | 0.074 | -13.8 | 110 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 0.320 | 0.329 | -2.8 | 99 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.750 | 0.757 | -0.9 | 99 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.731 | 0.740 | -1.2 | 99 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 100 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.639 | 0.636 | 0.5 | 99 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.374 | 0.381 | -1.9 | 99 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.243 | 0.241 | 0.8 | 103 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.404 | 0.418 | -3.5 | 103 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.411 | 0.426 | -3.6 | 104 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.501 | 1.497 | 0.3 | 100 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.528 | 1.511 | 1.1 | 100 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.193 | 1.181 | 1.0 | 99 | 0.00 |

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|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 0.283 | 0.302 | -6.7 | 101 | 0.00 |
| 49 | | Acenaphthylene | 1.788 | 1.773 | 0.8 | 99 | 0.00 |
| 50 | | Dimethylphthalate | 1.483 | 1.478 | 0.3 | 102 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.293 | 0.304 | -3.8 | 101 | 0.00 |
| 52 | C | Acenaphthene | 1.182 | 1.181 | 0.1 | 100 | 0.00 |
| 53 | | 3-Nitroaniline | 0.293 | 0.301 | -2.7 | 100 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.145 | 0.151 | -4.1 | 106 | 0.00 |
| 55 | | Dibenzofuran | 1.846 | 1.812 | 1.8 | 99 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.237 | 0.243 | -2.5 | 98 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.382 | 0.396 | -3.7 | 100 | 0.00 |
| 58 | | Fluorene | 1.484 | 1.467 | 1.1 | 100 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.402 | 0.410 | -2.0 | 101 | 0.00 |
| 60 | | Diethylphthalate | 1.483 | 1.443 | 2.7 | 99 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.795 | 0.792 | 0.4 | 101 | 0.00 |
| 62 | | 4-Nitroaniline | 0.305 | 0.307 | -0.7 | 96 | 0.00 |
| 63 | | Azobenzene | 1.288 | 1.264 | 1.9 | 98 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 96 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.117 | 0.124 | -6.0 | 100 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.626 | 0.650 | -3.8 | 98 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.226 | 0.232 | -2.7 | 103 | 0.00 |
| 68 | | Hexachlorobenzene | 0.260 | 0.266 | -2.3 | 100 | 0.00 |
| 69 | | Atrazine | 0.207 | 0.216 | -4.3 | 96 | 0.00 |
| 70 | C | Pentachlorophenol | 0.157 | 0.165 | -5.1 | 96 | 0.00 |
| 71 | | Phenanthrene | 1.109 | 1.109 | 0.0 | 96 | 0.00 |
| 72 | | Anthracene | 1.080 | 1.092 | -1.1 | 96 | 0.00 |
| 73 | | Carbazole | 1.017 | 0.990 | 2.7 | 93 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.156 | 1.161 | -0.4 | 92 | 0.00 |
| 75 | C | Fluoranthene | 1.219 | 1.157 | 5.1 | 89 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 83 | 0.00 |
| 77 | | Benzidine | 0.372 | 0.398 | -7.0 | 73 | 0.00 |
| 78 | | Pyrene | 1.374 | 1.402 | -2.0 | 88 | 0.00 |
| 79 | S | Terphenyl-d14 | 1.149 | 1.187 | -3.3 | 88 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.523 | 0.552 | -5.5 | 84 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.301 | 1.302 | -0.1 | 84 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.439 | 0.447 | -1.8 | 82 | 0.00 |
| 83 | | Chrysene | 1.243 | 1.239 | 0.3 | 83 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.799 | 0.830 | -3.9 | 81 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 1.266 | 1.306 | -3.2 | 80 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 81 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.422 | 1.432 | -0.7 | 80 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 1.253 | 1.264 | -0.9 | 82 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 1.250 | 1.276 | -2.1 | 81 | 0.00 |
| 90 | C | Benzo(a)pyrene | 1.030 | 1.044 | -1.4 | 80 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 1.196 | 1.203 | -0.6 | 80 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 1.158 | 1.160 | -0.2 | 80 | 0.00 |

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