# Evaluate Continuing Calibration Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070820\
Data File : BM026679.D
Acq On : 07 Jul 2020 16:22
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ICVBM070820

Quant Time: Jul 07 16:57:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 16:22:38 2020
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 | 89 | 0.00 |
| 2 | | 1,4-Dioxane | 0.573 | 0.548 | 4.4 | 87 | 0.00 |
| 3 | | Pyridine | 1.640 | 1.670 | -1.8 | 88 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.982 | 0.930 | 5.3 | 82 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.193 | 1.174 | 1.6 | 88 | 0.00 |
| 6 | | Aniline | 2.333 | 2.366 | -1.4 | 89 | 0.00 |
| 7 | S | Phenol-d6 | 1.901 | 1.910 | -0.5 | 88 | 0.00 |
| 8 | | 2-Chlorophenol | 1.421 | 1.420 | 0.1 | 89 | 0.00 |
| 9 | | Benzaldehyde | 1.055 | 0.985 | 6.6 | 86 | 0.00 |
| 10 | C | Phenol | 1.879 | 1.866 | 0.7 | 87 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.571 | 1.549 | 1.4 | 88 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.545 | 1.529 | 1.0 | 89 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.573 | 1.530 | 2.7 | 88 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.567 | 1.551 | 1.0 | 89 | 0.00 |
| 15 | | Benzyl Alcohol | 1.627 | 1.651 | -1.5 | 88 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 3.243 | 3.239 | 0.1 | 89 | 0.00 |
| 17 | | 2-Methylphenol | 1.428 | 1.429 | -0.1 | 87 | 0.00 |
| 18 | | Hexachloroethane | 0.625 | 0.627 | -0.3 | 90 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 1.582 | 1.605 | -1.5 | 89 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.963 | 2.019 | -2.9 | 89 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 88 | 0.00 |
| 22 | | Acetophenone | 0.568 | 0.586 | -3.2 | 89 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.469 | 0.481 | -2.6 | 88 | 0.00 |
| 24 | | Nitrobenzene | 0.493 | 0.498 | -1.0 | 88 | 0.00 |
| 25 | | Isophorone | 0.899 | 0.936 | -4.1 | 89 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.182 | 0.193 | -6.0 | 89 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.296 | 0.304 | -2.7 | 88 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.497 | 0.515 | -3.6 | 90 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.326 | 0.340 | -4.3 | 88 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.364 | 0.370 | -1.6 | 88 | 0.00 |
| 31 | | Naphthalene | 1.112 | 1.145 | -3.0 | 90 | 0.00 |
| 32 | | Benzoic acid | 0.225 | 0.250 | -11.1 | 89 | 0.00 |
| 33 | | 4-Chloroaniline | 0.487 | 0.504 | -3.5 | 88 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.241 | 0.244 | -1.2 | 88 | 0.00 |
| 35 | | Caprolactam | 0.115 | 0.128 | -11.3 | 92 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 0.412 | 0.430 | -4.4 | 89 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.824 | 0.854 | -3.6 | 90 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.789 | 0.810 | -2.7 | 89 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 91 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.647 | 0.651 | -0.6 | 90 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.309 | 0.314 | -1.6 | 87 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.291 | 0.299 | -2.7 | 89 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.424 | 0.436 | -2.8 | 88 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.498 | 0.508 | -2.0 | 89 | 0.00 |

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|---|---|---|---|---|---|---|---|
| 45 | S | 2-Fluorobiphenyl | 1.504 | 1.491 | 0.9 | 89 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.580 | 1.583 | -0.2 | 91 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.276 | 1.271 | 0.4 | 89 | 0.00 |
| 48 | | 2-Nitroaniline | 0.525 | 0.549 | -4.6 | 90 | 0.00 |
| 49 | | Acenaphthylene | 2.040 | 2.057 | -0.8 | 90 | 0.00 |
| 50 | | Dimethylphthalate | 1.711 | 1.725 | -0.8 | 91 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.366 | 0.377 | -3.0 | 91 | 0.00 |
| 52 | C | Acenaphthene | 1.240 | 1.255 | -1.2 | 90 | 0.00 |
| 53 | | 3-Nitroaniline | 0.381 | 0.403 | -5.8 | 91 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.214 | 0.225 | -5.1 | 91 | 0.00 |
| 55 | | Dibenzofuran | 2.033 | 2.045 | -0.6 | 91 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.299 | 0.308 | -3.0 | 89 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.529 | 0.551 | -4.2 | 90 | 0.00 |
| 58 | | Fluorene | 1.683 | 1.697 | -0.8 | 90 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.435 | 0.447 | -2.8 | 90 | 0.00 |
| 60 | | Diethylphthalate | 1.809 | 1.858 | -2.7 | 92 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.912 | 0.916 | -0.4 | 90 | 0.00 |
| 62 | | 4-Nitroaniline | 0.398 | 0.430 | -8.0 | 91 | 0.00 |
| 63 | | Azobenzene | 1.987 | 2.013 | -1.3 | 89 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 91 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.136 | 0.138 | -1.5 | 89 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.636 | 0.650 | -2.2 | 91 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.249 | 0.255 | -2.4 | 91 | 0.00 |
| 68 | | Hexachlorobenzene | 0.262 | 0.262 | 0.0 | 90 | 0.00 |
| 69 | | Atrazine | 0.191 | 0.205 | -7.3 | 91 | 0.00 |
| 70 | C | Pentachlorophenol | 0.148 | 0.156 | -5.4 | 90 | 0.00 |
| 71 | | Phenanthrene | 1.181 | 1.204 | -1.9 | 92 | 0.00 |
| 72 | | Anthracene | 1.175 | 1.206 | -2.6 | 91 | 0.00 |
| 73 | | Carbazole | 1.121 | 1.153 | -2.9 | 91 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.409 | 1.486 | -5.5 | 93 | 0.00 |
| 75 | C | Fluoranthene | 1.454 | 1.488 | -2.3 | 92 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 93 | 0.00 |
| 77 | | Benzidine | 0.394 | 0.439 | -11.4 | 94 | 0.00 |
| 78 | | Pyrene | 1.260 | 1.283 | -1.8 | 93 | 0.00 |
| 79 | S | Terphenyl-d14 | 1.016 | 1.037 | -2.1 | 92 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.565 | 0.602 | -6.5 | 93 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.343 | 1.352 | -0.7 | 92 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.426 | 0.443 | -4.0 | 93 | 0.00 |
| 83 | | Chrysene | 1.308 | 1.318 | -0.8 | 92 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.906 | 0.952 | -5.1 | 93 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 1.548 | 1.644 | -6.2 | 93 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 98 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.424 | 1.574 | -10.5 | 104 | 0.00 |

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|---|---|---|---|---|---|---|
| 88 | Benzo(b)fluoranthene | 1.318 | 1.383 | -4.9 | 99 | 0.00 |
| 89 | Benzo(k)fluoranthene | 1.293 | 1.326 | -2.6 | 93 | 0.00 |
| 90 C | Benzo(a)pyrene | 1.223 | 1.286 | -5.2 | 98 | 0.00 |
| 91 | Dibenzo(a,h)anthracene | 1.202 | 1.330 | -10.6 | 104 | 0.00 |
| 92 | Benzo(g,h,i)perylene | 1.107 | 1.227 | -10.8 | 106 | 0.00 |

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