# Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF071620\
Data File : BF120884.D
Acq On : 16 Jul 2020 14:26
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** ICVBF071620

Quant Time: Jul 16 15:02:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 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 | 100 | 0.00 |
| 2 | | 1,4-Dioxane | 0.561 | 0.558 | 0.5 | 102 | 0.00 |
| 3 | | Pyridine | 1.494 | 1.514 | -1.3 | 105 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.639 | 0.629 | 1.6 | 101 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.220 | 1.188 | 2.6 | 101 | 0.00 |
| 6 | | Aniline | 2.057 | 1.996 | 3.0 | 101 | 0.00 |
| 7 | S | Phenol-d6 | 1.576 | 1.523 | 3.4 | 101 | 0.00 |
| 8 | | 2-Chlorophenol | 1.344 | 1.318 | 1.9 | 101 | 0.00 |
| 9 | | Benzaldehyde | 0.811 | 0.761 | 6.2 | 102 | 0.00 |
| 10 | C | Phenol | 1.734 | 1.699 | 2.0 | 101 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.329 | 1.291 | 2.9 | 100 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.457 | 1.413 | 3.0 | 101 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.449 | 1.411 | 2.6 | 101 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.371 | 1.335 | 2.6 | 100 | 0.00 |
| 15 | | Benzyl Alcohol | 1.114 | 1.089 | 2.2 | 101 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 1.915 | 1.851 | 3.3 | 100 | 0.00 |
| 17 | | 2-Methylphenol | 1.191 | 1.154 | 3.1 | 102 | 0.00 |
| 18 | | Hexachloroethane | 0.525 | 0.518 | 1.3 | 100 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 0.896 | 0.846 | 5.6 | 101 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.515 | 1.364 | 10.0 | 102 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 101 | 0.00 |
| 22 | | Acetophenone | 0.449 | 0.428 | 4.7 | 101 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.346 | 0.339 | 2.0 | 101 | 0.00 |
| 24 | | Nitrobenzene | 0.373 | 0.365 | 2.1 | 102 | 0.00 |
| 25 | | Isophorone | 0.690 | 0.659 | 4.5 | 100 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.177 | 0.182 | -2.8 | 101 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.287 | 0.281 | 2.1 | 102 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.421 | 0.408 | 3.1 | 102 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.294 | 0.286 | 2.7 | 99 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.326 | 0.316 | 3.1 | 99 | 0.00 |
| 31 | | Naphthalene | 1.026 | 0.986 | 3.9 | 100 | 0.00 |
| 32 | | Benzoic acid | 0.216 | 0.243 | -12.5 | 104 | 0.00 |
| 33 | | 4-Chloroaniline | 0.458 | 0.440 | 3.9 | 101 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.192 | 0.189 | 1.6 | 101 | 0.00 |
| 35 | | Caprolactam | 0.094 | 0.092 | 2.1 | 101 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 0.301 | 0.293 | 2.7 | 100 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.666 | 0.650 | 2.4 | 100 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.631 | 0.613 | 2.9 | 101 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 101 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.583 | 0.579 | 0.7 | 101 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.322 | 0.332 | -3.1 | 100 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.219 | 0.220 | -0.5 | 101 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.410 | 0.405 | 1.2 | 100 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.465 | 0.469 | -0.9 | 103 | 0.00 |

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|---|---|---|---|---|---|---|---|
| 45 | S | 2-Fluorobiphenyl | 1.340 | 1.182 | 11.8 | 102 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.526 | 1.515 | 0.7 | 102 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.244 | 1.217 | 2.2 | 100 | 0.00 |
| 48 | | 2-Nitroaniline | 0.376 | 0.381 | -1.3 | 102 | 0.00 |
| 49 | | Acenaphthylene | 1.932 | 1.879 | 2.7 | 100 | 0.00 |
| 50 | | Dimethylphthalate | 1.443 | 1.397 | 3.2 | 101 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.310 | 0.311 | -0.3 | 100 | 0.00 |
| 52 | C | Acenaphthene | 1.229 | 1.209 | 1.6 | 101 | 0.00 |
| 53 | | 3-Nitroaniline | 0.389 | 0.388 | 0.3 | 102 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.149 | 0.150 | -0.7 | 102 | 0.00 |
| 55 | | Dibenzofuran | 1.777 | 1.722 | 3.1 | 101 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.295 | 0.296 | -0.3 | 101 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.407 | 0.419 | -2.9 | 101 | 0.00 |
| 58 | | Fluorene | 1.325 | 1.242 | 6.3 | 101 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.354 | 0.360 | -1.7 | 103 | 0.00 |
| 60 | | Diethylphthalate | 1.459 | 1.449 | 0.7 | 103 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.707 | 0.637 | 9.9 | 101 | 0.00 |
| 62 | | 4-Nitroaniline | 0.379 | 0.385 | -1.6 | 104 | 0.00 |
| 63 | | Azobenzene | 1.389 | 1.352 | 2.7 | 100 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 101 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.101 | 0.110 | -8.9 | 104 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.629 | 0.625 | 0.6 | 100 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.223 | 0.223 | 0.0 | 101 | 0.00 |
| 68 | | Hexachlorobenzene | 0.241 | 0.240 | 0.4 | 101 | 0.00 |
| 69 | | Atrazine | 0.156 | 0.151 | 3.2 | 100 | 0.00 |
| 70 | C | Pentachlorophenol | 0.138 | 0.147 | -6.5 | 101 | 0.00 |
| 71 | | Phenanthrene | 1.029 | 1.006 | 2.2 | 101 | 0.00 |
| 72 | | Anthracene | 1.033 | 1.021 | 1.2 | 100 | 0.00 |
| 73 | | Carbazole | 1.025 | 1.010 | 1.5 | 100 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.183 | 1.180 | 0.3 | 101 | 0.00 |
| 75 | C | Fluoranthene | 1.140 | 1.117 | 2.0 | 99 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 100 | 0.00 |
| 77 | | Benzidine | 0.526 | 0.549 | -4.4 | 97 | 0.00 |
| 78 | | Pyrene | 1.414 | 1.414 | 0.0 | 101 | 0.00 |
| 79 | S | Terphenyl-d14 | 0.920 | 0.866 | 5.9 | 102 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.630 | 0.643 | -2.1 | 101 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.211 | 1.173 | 3.1 | 100 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.457 | 0.454 | 0.7 | 100 | 0.00 |
| 83 | | Chrysene | 1.273 | 1.265 | 0.6 | 100 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.777 | 0.768 | 1.2 | 100 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 1.546 | 1.554 | -0.5 | 99 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 100 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.391 | 1.383 | 0.6 | 98 | 0.00 |

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|---|---|---|---|---|---|---|
| 88 | Benzo(b)fluoranthene | 1.209 | 1.184 | 2.1 | 99 | 0.00 |
| 89 | Benzo(k)fluoranthene | 1.103 | 1.148 | -4.1 | 100 | 0.00 |
| 90 C | Benzo(a)pyrene | 1.103 | 1.115 | -1.1 | 100 | 0.00 |
| 91 | Dibenzo(a,h)anthracene | 1.136 | 1.151 | -1.3 | 100 | 0.00 |
| 92 | Benzo(g,h,i)perylene | 1.120 | 1.098 | 2.0 | 97 | 0.00 |

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