Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025119.D
Acq On : 14 Jul 2025 14:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_P
**LabSampleId :** SSTDCCC040

Quant Time: Jul 14 14:38:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
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 | 111 | 0.00 |
| 2 | | 1,4-Dioxane | 0.439 | 0.405 | 7.7 | 103 | 0.00 |
| 3 | | Pyridine | 1.202 | 1.131 | 5.9 | 102 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.509 | 0.476 | 6.5 | 104 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.129 | 1.107 | 1.9 | 108 | 0.00 |
| 6 | | Aniline | 1.376 | 1.310 | 4.8 | 105 | 0.00 |
| 7 | S | Phenol-d6 | 1.473 | 1.448 | 1.7 | 110 | 0.00 |
| 8 | | 2-Chlorophenol | 1.263 | 1.258 | 0.4 | 111 | -0.01 |
| 9 | | Benzaldehyde | 0.769 | 0.756 | 1.7 | 116 | 0.00 |
| 10 | C | Phenol | 1.497 | 1.456 | 2.7 | 110 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.152 | 1.109 | 3.7 | 110 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.413 | 1.364 | 3.5 | 110 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.431 | 1.410 | 1.5 | 112 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.377 | 1.347 | 2.2 | 111 | 0.00 |
| 15 | | Benzyl Alcohol | 0.983 | 1.003 | -2.0 | 116 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 1.498 | 1.376 | 8.1 | 106 | 0.00 |
| 17 | | 2-Methylphenol | 0.964 | 0.963 | 0.1 | 110 | 0.00 |
| 18 | | Hexachloroethane | 0.466 | 0.484 | -3.9 | 116 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 0.874 | 0.867 | 0.8 | 111 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.350 | 1.337 | 1.0 | 111 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 113 | 0.00 |
| 22 | | Acetophenone | 0.473 | 0.458 | 3.2 | 111 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.301 | 0.309 | -2.7 | 113 | 0.00 |
| 24 | | Nitrobenzene | 0.306 | 0.308 | -0.7 | 112 | 0.00 |
| 25 | | Isophorone | 0.562 | 0.552 | 1.8 | 111 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.128 | 0.157 | -22.7# | 132 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.210 | 0.207 | 1.4 | 112 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.382 | 0.375 | 1.8 | 113 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.291 | 0.300 | -3.1 | 113 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.322 | 0.321 | 0.3 | 113 | 0.00 |
| 31 | | Naphthalene | 1.030 | 1.016 | 1.4 | 113 | 0.00 |
| 32 | | Benzoic acid | 0.185 | 0.211 | -14.1 | 128 | 0.00 |
| 33 | | 4-Chloroaniline | 0.384 | 0.377 | 1.8 | 109 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.185 | 0.192 | -3.8 | 118 | 0.00 |
| 35 | | Caprolactam | 0.099 | 0.098 | 1.0 | 109 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 0.304 | 0.308 | -1.3 | 112 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.727 | 0.711 | 2.2 | 111 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.709 | 0.695 | 2.0 | 113 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 114 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.575 | 0.577 | -0.3 | 114 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.150 | 0.172 | -14.7 | 132 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.236 | 0.265 | -12.3 | 123 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.348 | 0.374 | -7.5 | 116 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.394 | 0.412 | -4.6 | 115 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.291 | 1.261 | 2.3 | 113 | -0.01 |
| 46 | | 1,1'-Biphenyl | 1.455 | 1.390 | 4.5 | 109 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.094 | 1.069 | 2.3 | 112 | -0.01 |

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BNA_P
**LabSampleId :**
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Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 0.237 | 0.270 | -13.9 | 119 | 0.00 |
| 49 | | Acenaphthylene | 1.674 | 1.673 | 0.1 | 113 | 0.00 |
| 50 | | Dimethylphthalate | 1.400 | 1.393 | 0.5 | 113 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.273 | 0.297 | -8.8 | 115 | 0.00 |
| 52 | C | Acenaphthene | 1.079 | 1.076 | 0.3 | 115 | 0.00 |
| 53 | | 3-Nitroaniline | 0.293 | 0.316 | -7.8 | 113 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.114 | 0.135 | -18.4 | 132 | 0.00 |
| 55 | | Dibenzofuran | 1.781 | 1.746 | 2.0 | 113 | -0.01 |
| 56 | P | 4-Nitrophenol | 0.270 | 0.280 | -3.7 | 112 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.356 | 0.402 | -12.9 | 118 | -0.01 |
| 58 | | Fluorene | 1.377 | 1.361 | 1.2 | 112 | -0.01 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.357 | 0.383 | -7.3 | 118 | 0.00 |
| 60 | | Diethylphthalate | 1.406 | 1.427 | -1.5 | 114 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.682 | 0.669 | 1.9 | 113 | -0.01 |
| 62 | | 4-Nitroaniline | 0.307 | 0.336 | -9.4 | 112 | -0.01 |
| 63 | | Azobenzene | 1.252 | 1.198 | 4.3 | 108 | -0.01 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 113 | -0.01 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.082 | 0.099 | -20.7 | 137 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.572 | 0.577 | -0.9 | 113 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.205 | 0.214 | -4.4 | 118 | -0.01 |
| 68 | | Hexachlorobenzene | 0.250 | 0.253 | -1.2 | 115 | 0.00 |
| 69 | | Atrazine | 0.168 | 0.150 | 10.7 | 98 | 0.00 |
| 70 | C | Pentachlorophenol | 0.169 | 0.187 | -10.7 | 122 | 0.00 |
| 71 | | Phenanthrene | 1.069 | 1.050 | 1.8 | 111 | -0.01 |
| 72 | | Anthracene | 1.025 | 1.035 | -1.0 | 112 | 0.00 |
| 73 | | Carbazole | 1.002 | 1.004 | -0.2 | 110 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.116 | 1.225 | -9.8 | 116 | 0.00 |
| 75 | C | Fluoranthene | 1.249 | 1.280 | -2.5 | 112 | -0.02 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 110 | 0.00 |
| 77 | | Benzidine | 0.353 | 0.351 | 0.6 | 68 | 0.00 |
| 78 | | Pyrene | 1.239 | 1.247 | -0.6 | 112 | 0.00 |
| 79 | S | Terphenyl-d14 | 0.910 | 0.931 | -2.3 | 112 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.402 | 0.512 | -27.4# | 128 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.212 | 1.203 | 0.7 | 109 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.365 | 0.422 | -15.6 | 119 | -0.02 |
| 83 | | Chrysene | 1.166 | 1.164 | 0.2 | 111 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.650 | 0.753 | -15.8 | 118 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 1.054 | 1.282 | -21.6# | 129 | -0.02 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 116 | -0.02 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.274 | 1.326 | -4.1 | 116 | -0.03 |
| 88 | | Benzo(b)fluoranthene | 1.164 | 1.158 | 0.5 | 112 | -0.02 |
| 89 | | Benzo(k)fluoranthene | 1.158 | 1.136 | 1.9 | 115 | -0.03 |
| 90 | C | Benzo(a)pyrene | 0.991 | 1.017 | -2.6 | 115 | -0.03 |
| 91 | | Dibenzo(a,h)anthracene | 1.053 | 1.103 | -4.7 | 117 | -0.05 |
| 92 | | Benzo(g,h,i)perylene | 1.088 | 1.131 | -4.0 | 117 | -0.04 |

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

(#) = Out of Range SPCC's out = 0 CCC's out = 2