Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
Data File : BP005366.D
Acq On : 22 Apr 2021 09:34
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Apr 22 12:50:56 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 21 17:40:15 2021
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 | 62 | 0.00 |
| 2 | | 1,4-Dioxane | 0.614 | 0.656 | -6.8 | 65 | 0.00 |
| 3 | | Pyridine | 1.332 | 1.593 | -19.6 | 70 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.686 | 0.856 | -24.8 | 79 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.151 | 1.178 | -2.3 | 63 | 0.00 |
| 6 | | Aniline | 1.721 | 1.855 | -7.8 | 66 | 0.00 |
| 7 | S | Phenol-d6 | 1.586 | 1.679 | -5.9 | 66 | 0.00 |
| 8 | | 2-Chlorophenol | 1.179 | 1.160 | 1.6 | 62 | 0.00 |
| 9 | | Benzaldehyde | 0.928 | 1.036 | -11.6 | 68 | 0.00 |
| 10 | C | Phenol | 1.582 | 1.665 | -5.2 | 65 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.141 | 1.176 | -3.1 | 63 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.425 | 1.420 | 0.4 | 63 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.454 | 1.463 | -0.6 | 64 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.390 | 1.383 | 0.5 | 63 | 0.00 |
| 15 | | Benzyl Alcohol | 1.265 | 1.528 | -20.8 | 73 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 0.957 | 0.989 | -3.3 | 64 | 0.00 |
| 17 | | 2-Methylphenol | 0.995 | 1.068 | -7.3 | 65 | 0.00 |
| 18 | | Hexachloroethane | 0.556 | 0.628 | -12.9 | 69 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 1.030 | 1.250 | -21.4 | 71 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.336 | 1.440 | -7.8 | 65 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 64 | 0.00 |
| 22 | | Acetophenone | 0.574 | 0.609 | -6.1 | 66 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.460 | 0.565 | -22.8 | 72 | 0.00 |
| 24 | | Nitrobenzene | 0.497 | 0.589 | -18.5 | 72 | 0.00 |
| 25 | | Isophorone | 0.799 | 0.925 | -15.8 | 69 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.160 | 0.183 | -14.4 | 68 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.270 | 0.284 | -5.2 | 65 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.384 | 0.414 | -7.8 | 67 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.357 | 0.378 | -5.9 | 66 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.469 | 0.484 | -3.2 | 66 | 0.00 |
| 31 | | Naphthalene | 1.055 | 1.064 | -0.9 | 64 | 0.00 |
| 32 | | Benzoic acid | 0.176 | 0.198 | -12.5 | 70 | 0.00 |
| 33 | | 4-Chloroaniline | 0.400 | 0.417 | -4.2 | 64 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.416 | 0.451 | -8.4 | 68 | 0.00 |
| 35 | | Caprolactam | 0.100 | 0.108 | -8.0 | 67 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 0.385 | 0.433 | -12.5 | 68 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.773 | 0.811 | -4.9 | 65 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.738 | 0.766 | -3.8 | 65 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 67 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.871 | 0.905 | -3.9 | 67 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.282 | 0.350 | -24.1 | 74 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.383 | 0.412 | -7.6 | 67 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.472 | 0.510 | -8.1 | 66 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.515 | 0.553 | -7.4 | 67 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.545 | 1.595 | -3.2 | 66 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.423 | 1.463 | -2.8 | 66 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.172 | 1.206 | -2.9 | 66 | 0.00 |

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| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 0.322 | 0.436 | -35.4# | 79 | 0.00 |
| 49 | | Acenaphthylene | 1.696 | 1.771 | -4.4 | 65 | 0.00 |
| 50 | | Dimethylphthalate | 1.452 | 1.567 | -7.9 | 68 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.317 | 0.341 | -7.6 | 65 | 0.00 |
| 52 | C | Acenaphthene | 1.070 | 1.117 | -4.4 | 67 | 0.00 |
| 53 | | 3-Nitroaniline | 0.262 | 0.292 | -11.5 | 65 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.180 | 0.207 | -15.0 | 71 | 0.00 |
| 55 | | Dibenzofuran | 1.917 | 1.998 | -4.2 | 67 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.208 | 0.212 | -1.9 | 64 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.443 | 0.491 | -10.8 | 66 | 0.00 |
| 58 | | Fluorene | 1.538 | 1.618 | -5.2 | 67 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.536 | 0.603 | -12.5 | 69 | 0.00 |
| 60 | | Diethylphthalate | 1.370 | 1.533 | -11.9 | 70 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.987 | 1.064 | -7.8 | 69 | 0.00 |
| 62 | | 4-Nitroaniline | 0.246 | 0.283 | -15.0 | 66 | 0.00 |
| 63 | | Azobenzene | 1.597 | 1.995 | -24.9 | 76 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 69 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.131 | 0.141 | -7.6 | 70 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.547 | 0.564 | -3.1 | 68 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.273 | 0.284 | -4.0 | 69 | 0.00 |
| 68 | | Hexachlorobenzene | 0.320 | 0.321 | -0.3 | 68 | 0.00 |
| 69 | | Atrazine | 0.228 | 0.256 | -12.3 | 70 | 0.00 |
| 70 | C | Pentachlorophenol | 0.172 | 0.178 | -3.5 | 69 | 0.00 |
| 71 | | Phenanthrene | 1.066 | 1.066 | 0.0 | 67 | 0.00 |
| 72 | | Anthracene | 1.038 | 1.065 | -2.6 | 68 | 0.00 |
| 73 | | Carbazole | 0.934 | 0.958 | -2.6 | 68 | 0.00 |
| 74 | | Di-n-butylphthalate | 0.882 | 1.001 | -13.5 | 72 | 0.00 |
| 75 | C | Fluoranthene | 1.463 | 1.532 | -4.7 | 69 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 70 | 0.00 |
| 77 | | Benzidine | 0.316 | 0.401 | -26.9# | 82 | 0.00 |
| 78 | | Pyrene | 1.121 | 1.127 | -0.5 | 69 | 0.00 |
| 79 | S | Terphenyl-d14 | 1.079 | 1.099 | -1.9 | 71 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.255 | 0.298 | -16.9 | 76 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.287 | 1.317 | -2.3 | 71 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.400 | 0.440 | -10.0 | 74 | 0.00 |
| 83 | | Chrysene | 1.282 | 1.293 | -0.9 | 71 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.391 | 0.468 | -19.7 | 76 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 0.760 | 0.832 | -9.5 | 77 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 74 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.528 | 1.556 | -1.8 | 74 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 1.317 | 1.328 | -0.8 | 72 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 1.293 | 1.293 | 0.0 | 71 | 0.00 |
| 90 | C | Benzo(a)pyrene | 1.201 | 1.221 | -1.7 | 73 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 1.323 | 1.348 | -1.9 | 74 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 1.239 | 1.266 | -2.2 | 74 | 0.00 |

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