Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091322\
Data File : BP011686.D
Acq On : 13 Sep 2022 15:03
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP091322

Quant Time: Sep 13 19:22:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 13 15:49:51 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 | 103 | 0.00 |
| 2 | | 1,4-Dioxane | 0.481 | 0.475 | 1.2 | 102 | 0.00 |
| 3 | | Pyridine | 1.367 | 1.402 | -2.6 | 101 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.490 | 0.487 | 0.6 | 100 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.110 | 1.112 | -0.2 | 101 | 0.00 |
| 6 | | Aniline | 1.766 | 1.787 | -1.2 | 101 | 0.00 |
| 7 | S | Phenol-d6 | 1.449 | 1.465 | -1.1 | 102 | 0.00 |
| 8 | | 2-Chlorophenol | 1.290 | 1.296 | -0.5 | 102 | 0.00 |
| 9 | | Benzaldehyde | 0.913 | 0.923 | -1.1 | 104 | 0.00 |
| 10 | C | Phenol | 1.614 | 1.637 | -1.4 | 102 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.256 | 1.252 | 0.3 | 102 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.440 | 1.409 | 2.2 | 103 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.467 | 1.431 | 2.5 | 101 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.392 | 1.371 | 1.5 | 103 | 0.00 |
| 15 | | Benzyl Alcohol | 1.017 | 1.047 | -2.9 | 102 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 1.532 | 1.530 | 0.1 | 101 | 0.00 |
| 17 | | 2-Methylphenol | 1.045 | 1.061 | -1.5 | 102 | 0.00 |
| 18 | | Hexachloroethane | 0.487 | 0.491 | -0.8 | 103 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 0.882 | 0.903 | -2.4 | 101 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.430 | 1.450 | -1.4 | 101 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 102 | 0.00 |
| 22 | | Acetophenone | 0.465 | 0.467 | -0.4 | 102 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.326 | 0.334 | -2.5 | 103 | 0.00 |
| 24 | | Nitrobenzene | 0.339 | 0.346 | -2.1 | 102 | 0.00 |
| 25 | | Isophorone | 0.565 | 0.592 | -4.8 | 103 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.143 | 0.151 | -5.6 | 105 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.249 | 0.255 | -2.4 | 102 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.367 | 0.371 | -1.1 | 103 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.278 | 0.285 | -2.5 | 103 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.314 | 0.305 | 2.9 | 102 | 0.00 |
| 31 | | Naphthalene | 1.039 | 1.023 | 1.5 | 101 | 0.00 |
| 32 | | Benzoic acid | 0.184 | 0.190 | -3.3 | 102 | 0.00 |
| 33 | | 4-Chloroaniline | 0.412 | 0.418 | -1.5 | 103 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.175 | 0.169 | 3.4 | 103 | 0.00 |
| 35 | | Caprolactam | 0.088 | 0.091 | -3.4 | 104 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 0.291 | 0.302 | -3.8 | 102 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.691 | 0.693 | -0.3 | 103 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.676 | 0.677 | -0.1 | 103 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 102 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.543 | 0.526 | 3.1 | 103 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.262 | 0.264 | -0.8 | 104 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.173 | 0.167 | 3.5 | 103 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.361 | 0.368 | -1.9 | 102 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.406 | 0.411 | -1.2 | 101 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.291 | 1.278 | 1.0 | 102 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.447 | 1.432 | 1.0 | 102 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.138 | 1.121 | 1.5 | 102 | 0.00 |

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Misc :
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Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 0.301 | 0.326 | -8.3 | 104 | 0.00 |
| 49 | | Acenaphthylene | 1.754 | 1.796 | -2.4 | 103 | 0.00 |
| 50 | | Dimethylphthalate | 1.389 | 1.370 | 1.4 | 101 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.280 | 0.295 | -5.4 | 104 | 0.01 |
| 52 | C | Acenaphthene | 1.172 | 1.160 | 1.0 | 101 | 0.00 |
| 53 | | 3-Nitroaniline | 0.325 | 0.343 | -5.5 | 102 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.135 | 0.135 | 0.0 | 103 | 0.00 |
| 55 | | Dibenzofuran | 1.714 | 1.678 | 2.1 | 101 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.278 | 0.282 | -1.4 | 101 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.363 | 0.386 | -6.3 | 102 | 0.00 |
| 58 | | Fluorene | 1.387 | 1.372 | 1.1 | 101 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.342 | 0.338 | 1.2 | 101 | 0.00 |
| 60 | | Diethylphthalate | 1.361 | 1.366 | -0.4 | 101 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.647 | 0.632 | 2.3 | 102 | 0.00 |
| 62 | | 4-Nitroaniline | 0.337 | 0.358 | -6.2 | 101 | 0.00 |
| 63 | | Azobenzene | 1.245 | 1.302 | -4.6 | 102 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 100 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.091 | 0.098 | -7.7 | 102 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.585 | 0.598 | -2.2 | 101 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.189 | 0.188 | 0.5 | 102 | 0.00 |
| 68 | | Hexachlorobenzene | 0.213 | 0.204 | 4.2 | 101 | 0.00 |
| 69 | | Atrazine | 0.181 | 0.184 | -1.7 | 100 | 0.00 |
| 70 | C | Pentachlorophenol | 0.125 | 0.130 | -4.0 | 100 | 0.00 |
| 71 | | Phenanthrene | 1.085 | 1.079 | 0.6 | 100 | 0.01 |
| 72 | | Anthracene | 1.024 | 1.053 | -2.8 | 101 | 0.00 |
| 73 | | Carbazole | 0.972 | 0.996 | -2.5 | 101 | 0.01 |
| 74 | | Di-n-butylphthalate | 1.084 | 1.157 | -6.7 | 101 | 0.00 |
| 75 | C | Fluoranthene | 1.191 | 1.188 | 0.3 | 100 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 99 | 0.00 |
| 77 | | Benzidine | 0.469 | 0.510 | -8.7 | 97 | 0.00 |
| 78 | | Pyrene | 1.299 | 1.321 | -1.7 | 100 | 0.01 |
| 79 | S | Terphenyl-d14 | 0.911 | 0.912 | -0.1 | 99 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.511 | 0.552 | -8.0 | 99 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.271 | 1.279 | -0.6 | 99 | 0.01 |
| 82 | | 3,3'-Dichlorobenzidine | 0.397 | 0.407 | -2.5 | 98 | 0.01 |
| 83 | | Chrysene | 1.225 | 1.221 | 0.3 | 100 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.719 | 0.789 | -9.7 | 99 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 1.199 | 1.308 | -9.1 | 99 | 0.01 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 99 | 0.02 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.455 | 1.461 | -0.4 | 99 | 0.02 |
| 88 | | Benzo(b)fluoranthene | 1.234 | 1.264 | -2.4 | 99 | 0.01 |
| 89 | | Benzo(k)fluoranthene | 1.231 | 1.229 | 0.2 | 99 | 0.01 |
| 90 | C | Benzo(a)pyrene | 1.015 | 1.032 | -1.7 | 98 | 0.01 |
| 91 | | Dibenzo(a,h)anthracene | 1.208 | 1.220 | -1.0 | 100 | 0.02 |
| 92 | | Benzo(g,h,i)perylene | 1.187 | 1.197 | -0.8 | 101 | 0.02 |

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