Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020422\
Data File : BP009036.D
Acq On : 04 Feb 2022 13:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP020422

Quant Time: Feb 04 16:24:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 04 14:19:33 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 | 97 | 0.00 |
| 2 | | 1,4-Dioxane | 0.376 | 0.350 | 6.9 | 96 | 0.00 |
| 3 | | Pyridine | 1.116 | 0.969 | 13.2 | 80 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.415 | 0.363 | 12.5 | 78 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.137 | 1.128 | 0.8 | 98 | 0.00 |
| 6 | | Aniline | 1.695 | 1.651 | 2.6 | 92 | 0.00 |
| 7 | S | Phenol-d6 | 1.490 | 1.486 | 0.3 | 95 | 0.00 |
| 8 | | 2-Chlorophenol | 1.280 | 1.251 | 2.3 | 95 | 0.00 |
| 9 | | Benzaldehyde | 0.714 | 0.716 | -0.3 | 97 | 0.00 |
| 10 | C | Phenol | 1.495 | 1.476 | 1.3 | 94 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.156 | 1.135 | 1.8 | 93 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.467 | 1.445 | 1.5 | 98 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.502 | 1.473 | 1.9 | 97 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.450 | 1.419 | 2.1 | 97 | 0.00 |
| 15 | | Benzyl Alcohol | 0.957 | 0.982 | -2.6 | 91 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 1.283 | 1.243 | 3.1 | 92 | 0.00 |
| 17 | | 2-Methylphenol | 1.002 | 0.984 | 1.8 | 92 | 0.00 |
| 18 | | Hexachloroethane | 0.495 | 0.487 | 1.6 | 96 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 0.860 | 0.829 | 3.6 | 87 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.379 | 1.351 | 2.0 | 90 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 90 | 0.00 |
| 22 | | Acetophenone | 0.476 | 0.475 | 0.2 | 89 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.357 | 0.361 | -1.1 | 91 | 0.00 |
| 24 | | Nitrobenzene | 0.337 | 0.337 | 0.0 | 90 | 0.00 |
| 25 | | Isophorone | 0.597 | 0.577 | 3.4 | 83 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.178 | 0.185 | -3.9 | 90 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.263 | 0.260 | 1.1 | 87 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.398 | 0.394 | 1.0 | 86 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.328 | 0.329 | -0.3 | 88 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.381 | 0.381 | 0.0 | 92 | 0.00 |
| 31 | | Naphthalene | 1.025 | 1.009 | 1.6 | 90 | 0.00 |
| 32 | | Benzoic acid | 0.209 | 0.200 | 4.3 | 78 | -0.01 |
| 33 | | 4-Chloroaniline | 0.419 | 0.409 | 2.4 | 84 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.234 | 0.233 | 0.4 | 91 | 0.00 |
| 35 | | Caprolactam | 0.099 | 0.089 | 10.1 | 70 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 0.313 | 0.299 | 4.5 | 80 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.726 | 0.702 | 3.3 | 85 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.711 | 0.683 | 3.9 | 85 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 78 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.638 | 0.672 | -5.3 | 85 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.163 | 0.210 | -28.8# | 83 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.274 | 0.261 | 4.7 | 67 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.430 | 0.450 | -4.7 | 79 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.462 | 0.468 | -1.3 | 77 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.433 | 1.460 | -1.9 | 83 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.472 | 1.518 | -3.1 | 83 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.176 | 1.198 | -1.9 | 82 | 0.00 |

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ALS Vial : 9 Sample Multiplier: 1

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BNA_P
**ClientSampleId :**
ICVBP020422

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

| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 0.278 | 0.283 | -1.8 | 74 | 0.00 |
| 49 | | Acenaphthylene | 1.780 | 1.782 | -0.1 | 78 | 0.00 |
| 50 | | Dimethylphthalate | 1.442 | 1.377 | 4.5 | 72 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.300 | 0.295 | 1.7 | 72 | 0.00 |
| 52 | C | Acenaphthene | 1.075 | 1.069 | 0.6 | 78 | 0.00 |
| 53 | | 3-Nitroaniline | 0.314 | 0.310 | 1.3 | 70 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.165 | 0.157 | 4.8 | 65 | 0.00 |
| 55 | | Dibenzofuran | 1.811 | 1.779 | 1.8 | 76 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.232 | 0.224 | 3.4 | 66 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.397 | 0.388 | 2.3 | 68 | 0.00 |
| 58 | | Fluorene | 1.401 | 1.341 | 4.3 | 73 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.404 | 0.390 | 3.5 | 71 | 0.00 |
| 60 | | Diethylphthalate | 1.353 | 1.264 | 6.6 | 68 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.757 | 0.724 | 4.4 | 73 | 0.00 |
| 62 | | 4-Nitroaniline | 0.319 | 0.314 | 1.6 | 67 | 0.00 |
| 63 | | Azobenzene | 1.164 | 1.137 | 2.3 | 71 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 67 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.125 | 0.128 | -2.4 | 64 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.609 | 0.623 | -2.3 | 71 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.232 | 0.236 | -1.7 | 68 | 0.00 |
| 68 | | Hexachlorobenzene | 0.260 | 0.260 | 0.0 | 68 | 0.00 |
| 69 | | Atrazine | 0.203 | 0.203 | 0.0 | 61 | 0.00 |
| 70 | C | Pentachlorophenol | 0.139 | 0.144 | -3.6 | 62 | 0.00 |
| 71 | | Phenanthrene | 1.087 | 1.081 | 0.6 | 68 | 0.00 |
| 72 | | Anthracene | 1.062 | 1.073 | -1.0 | 67 | 0.00 |
| 73 | | Carbazole | 1.022 | 1.033 | -1.1 | 66 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.044 | 1.037 | 0.7 | 59 | 0.00 |
| 75 | C | Fluoranthene | 1.210 | 1.224 | -1.2 | 63 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 67 | 0.00 |
| 77 | | Benzidine | 0.433 | 0.469 | -8.3 | 61 | 0.00 |
| 78 | | Pyrene | 1.397 | 1.277 | 8.6 | 64 | 0.00 |
| 79 | S | Terphenyl-d14 | 1.100 | 0.996 | 9.5 | 63 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.491 | 0.468 | 4.7 | 59 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.301 | 1.330 | -2.2 | 70 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.476 | 0.496 | -4.2 | 68 | 0.00 |
| 83 | | Chrysene | 1.253 | 1.258 | -0.4 | 67 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.654 | 0.640 | 2.1 | 59 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 1.089 | 1.132 | -3.9 | 62 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 84 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.498 | 1.569 | -4.7 | 102 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 1.203 | 1.217 | -1.2 | 80 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 1.226 | 1.150 | 6.2 | 76 | 0.00 |
| 90 | C | Benzo(a)pyrene | 1.033 | 1.041 | -0.8 | 83 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 1.232 | 1.289 | -4.6 | 101 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 1.232 | 1.279 | -3.8 | 105 | 0.00 |

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