Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121520\
Data File : BF122729.D
Acq On : 15 Dec 2020 22:17
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**LabSampleId :** SSTDCCC040

Quant Time: Dec 16 01:56:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 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 | 82 | 0.00 |
| 2 | | 1,4-Dioxane | 0.594 | 0.606 | -2.0 | 83 | -0.01 |
| 3 | | Pyridine | 1.569 | 1.522 | 3.0 | 77 | -0.02 |
| 4 | | n-Nitrosodimethylamine | 0.629 | 0.597 | 5.1 | 76 | -0.02 |
| 5 | S | 2-Fluorophenol | 1.263 | 1.242 | 1.7 | 80 | 0.00 |
| 6 | | Aniline | 1.972 | 1.879 | 4.7 | 77 | 0.00 |
| 7 | S | Phenol-d6 | 1.675 | 1.570 | 6.3 | 76 | 0.00 |
| 8 | | 2-Chlorophenol | 1.392 | 1.336 | 4.0 | 78 | 0.00 |
| 9 | | Benzaldehyde | 1.014 | 1.008 | 0.6 | 92 | 0.00 |
| 10 | C | Phenol | 1.736 | 1.646 | 5.2 | 78 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.326 | 1.255 | 5.4 | 77 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.648 | 1.605 | 2.6 | 80 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.661 | 1.584 | 4.6 | 78 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.604 | 1.479 | 7.8 | 79 | 0.00 |
| 15 | | Benzyl Alcohol | 1.154 | 1.060 | 8.1 | 73 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 1.891 | 1.683 | 11.0 | 72 | 0.00 |
| 17 | | 2-Methylphenol | 1.107 | 1.037 | 6.3 | 74 | 0.00 |
| 18 | | Hexachloroethane | 0.592 | 0.564 | 4.7 | 77 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 0.960 | 0.802 | 16.5 | 68 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.398 | 1.228 | 12.2 | 73 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 75 | 0.00 |
| 22 | | Acetophenone | 0.497 | 0.474 | 4.6 | 72 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.399 | 0.388 | 2.8 | 72 | 0.00 |
| 24 | | Nitrobenzene | 0.397 | 0.389 | 2.0 | 73 | 0.00 |
| 25 | | Isophorone | 0.688 | 0.622 | 9.6 | 67 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.194 | 0.197 | -1.5 | 73 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.284 | 0.272 | 4.2 | 71 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.471 | 0.443 | 5.9 | 70 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.332 | 0.318 | 4.2 | 71 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.376 | 0.368 | 2.1 | 73 | 0.00 |
| 31 | | Naphthalene | 1.104 | 1.071 | 3.0 | 73 | 0.00 |
| 32 | | Benzoic acid | 0.226 | 0.157 | 30.5# | 48# | -0.01 |
| 33 | | 4-Chloroaniline | 0.461 | 0.432 | 6.3 | 69 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.231 | 0.228 | 1.3 | 73 | 0.00 |
| 35 | | Caprolactam | 0.100 | 0.082 | 18.0 | 60 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 0.327 | 0.293 | 10.4 | 66 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.730 | 0.673 | 7.8 | 69 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.691 | 0.633 | 8.4 | 69 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 64 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.662 | 0.713 | -7.7 | 68 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.293 | 0.325 | -10.9 | 67 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.262 | 0.250 | 4.6 | 60 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.458 | 0.466 | -1.7 | 63 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.473 | 0.472 | 0.2 | 63 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.479 | 1.430 | 3.3 | 66 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.660 | 1.712 | -3.1 | 66 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.375 | 1.426 | -3.7 | 67 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121520\
Data File : BF122729.D
Acq On : 15 Dec 2020 22:17
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**LabSampleId :** SSTDCCC040

Quant Time: Dec 16 01:56:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 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) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 0.401 | 0.395 | 1.5 | 61 | 0.00 |
| 49 | | Acenaphthylene | 2.031 | 2.053 | -1.1 | 65 | 0.00 |
| 50 | | Dimethylphthalate | 1.597 | 1.497 | 6.3 | 60 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.337 | 0.335 | 0.6 | 62 | 0.00 |
| 52 | C | Acenaphthene | 1.314 | 1.345 | -2.4 | 65 | 0.00 |
| 53 | | 3-Nitroaniline | 0.390 | 0.373 | 4.4 | 59 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.165 | 0.211 | -27.9# | 76 | 0.00 |
| 55 | | Dibenzofuran | 1.849 | 1.825 | 1.3 | 64 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.278 | 0.243 | 12.6 | 52 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.449 | 0.432 | 3.8 | 59 | 0.00 |
| 58 | | Fluorene | 1.470 | 1.362 | 7.3 | 63 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.415 | 0.395 | 4.8 | 59 | 0.00 |
| 60 | | Diethylphthalate | 1.554 | 1.397 | 10.1 | 57 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.724 | 0.683 | 5.7 | 62 | 0.00 |
| 62 | | 4-Nitroaniline | 0.396 | 0.374 | 5.6 | 59 | 0.00 |
| 63 | | Azobenzene | 1.428 | 1.315 | 7.9 | 58 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 59 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.122 | 0.120 | 1.6 | 54 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.707 | 0.714 | -1.0 | 59 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.271 | 0.275 | -1.5 | 59 | 0.00 |
| 68 | | Hexachlorobenzene | 0.300 | 0.304 | -1.3 | 60 | 0.00 |
| 69 | | Atrazine | 0.229 | 0.213 | 7.0 | 55 | 0.00 |
| 70 | C | Pentachlorophenol | 0.159 | 0.150 | 5.7 | 51 | 0.00 |
| 71 | | Phenanthrene | 1.189 | 1.187 | 0.2 | 60 | 0.00 |
| 72 | | Anthracene | 1.179 | 1.166 | 1.1 | 59 | 0.00 |
| 73 | | Carbazole | 1.069 | 1.051 | 1.7 | 58 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.343 | 1.262 | 6.0 | 56 | 0.00 |
| 75 | C | Fluoranthene | 1.246 | 1.213 | 2.6 | 58 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 64 | 0.00 |
| 77 | | Benzidine | 0.433 | 0.455 | -5.1 | 60 | 0.00 |
| 78 | | Pyrene | 1.546 | 1.396 | 9.7 | 57 | 0.00 |
| 79 | S | Terphenyl-d14 | 1.143 | 1.030 | 9.9 | 60 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.697 | 0.616 | 11.6 | 55 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.337 | 1.317 | 1.5 | 64 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.479 | 0.478 | 0.2 | 63 | 0.00 |
| 83 | | Chrysene | 1.330 | 1.306 | 1.8 | 63 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.954 | 0.852 | 10.7 | 58 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 1.582 | 1.487 | 6.0 | 61 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 84 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.313 | 1.578 | -20.2 | 103 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 1.403 | 1.218 | 13.2 | 70 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 1.283 | 1.231 | 4.1 | 82 | 0.00 |
| 90 | C | Benzo(a)pyrene | 1.228 | 1.190 | 3.1 | 81 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 1.074 | 1.254 | -16.8 | 100 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 1.040 | 1.300 | -25.0 | 109 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121520\
Data File : BF122729.D
Acq On : 15 Dec 2020 22:17
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**LabSampleId :**
SSTDCCC040

Quant Time: Dec 16 01:56:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 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) |
|---|---|---|---|---|---|

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