Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042021\
Data File : BF123638.D
Acq On : 20 Apr 2021 12:07
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Apr 20 15:50:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 15:49:40 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 | 119 | 0.00 |
| 2 | | 1,4-Dioxane | 0.646 | 0.684 | -5.9 | 131 | 0.00 |
| 3 | | Pyridine | 1.581 | 1.710 | -8.2 | 130 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.937 | 0.954 | -1.8 | 124 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.237 | 1.233 | 0.3 | 121 | 0.00 |
| 6 | | Aniline | 2.018 | 1.976 | 2.1 | 118 | 0.00 |
| 7 | S | Phenol-d6 | 1.715 | 1.698 | 1.0 | 122 | 0.00 |
| 8 | | 2-Chlorophenol | 1.329 | 1.357 | -2.1 | 125 | 0.00 |
| 9 | | Benzaldehyde | 1.120 | 0.987 | 11.9 | 124 | 0.00 |
| 10 | C | Phenol | 1.821 | 1.858 | -2.0 | 122 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.354 | 1.354 | 0.0 | 121 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.366 | 1.340 | 1.9 | 120 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.387 | 1.374 | 0.9 | 120 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.303 | 1.265 | 2.9 | 119 | 0.00 |
| 15 | | Benzyl Alcohol | 1.353 | 1.402 | -3.6 | 122 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 3.057 | 2.888 | 5.5 | 115 | 0.00 |
| 17 | | 2-Methylphenol | 1.142 | 1.155 | -1.1 | 122 | 0.00 |
| 18 | | Hexachloroethane | 0.553 | 0.555 | -0.4 | 121 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 1.136 | 1.054 | 7.2 | 113 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.457 | 1.388 | 4.7 | 116 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 121 | 0.00 |
| 22 | | Acetophenone | 0.555 | 0.521 | 6.1 | 115 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.435 | 0.430 | 1.1 | 120 | 0.00 |
| 24 | | Nitrobenzene | 0.458 | 0.457 | 0.2 | 120 | 0.00 |
| 25 | | Isophorone | 0.844 | 0.796 | 5.7 | 115 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.157 | 0.187 | -19.1 | 135 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.289 | 0.292 | -1.0 | 123 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.424 | 0.408 | 3.8 | 119 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.281 | 0.284 | -1.1 | 122 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.302 | 0.293 | 3.0 | 119 | 0.00 |
| 31 | | Naphthalene | 1.030 | 0.998 | 3.1 | 120 | 0.00 |
| 32 | | Benzoic acid | 0.171 | 0.184 | -7.6 | 113 | 0.00 |
| 33 | | 4-Chloroaniline | 0.423 | 0.416 | 1.7 | 119 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.190 | 0.178 | 6.3 | 113 | 0.00 |
| 35 | | Caprolactam | 0.098 | 0.104 | -6.1 | 126 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 0.365 | 0.357 | 2.2 | 118 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.676 | 0.643 | 4.9 | 118 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.639 | 0.606 | 5.2 | 116 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 113 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.552 | 0.574 | -4.0 | 116 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.287 | 0.291 | -1.4 | 106 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.226 | 0.245 | -8.4 | 116 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.375 | 0.429 | -14.4 | 123 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.409 | 0.453 | -10.8 | 122 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.342 | 1.317 | 1.9 | 111 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.565 | 1.581 | -1.0 | 113 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.178 | 1.223 | -3.8 | 116 | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042021\
Data File : BF123638.D
Acq On : 20 Apr 2021 12:07
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Apr 20 15:50:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 15:49:40 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) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 0.491 | 0.559 | -13.8 | 120 | 0.00 |
| 49 | | Acenaphthylene | 1.927 | 1.978 | -2.6 | 114 | 0.00 |
| 50 | | Dimethylphthalate | 1.382 | 1.366 | 1.2 | 111 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.303 | 0.326 | -7.6 | 115 | 0.00 |
| 52 | C | Acenaphthene | 1.236 | 1.298 | -5.0 | 117 | 0.00 |
| 53 | | 3-Nitroaniline | 0.352 | 0.391 | -11.1 | 120 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.133 | 0.186 | -39.8# | 139 | 0.00 |
| 55 | | Dibenzofuran | 1.774 | 1.786 | -0.7 | 112 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.270 | 0.309 | -14.4 | 120 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.405 | 0.446 | -10.1 | 114 | 0.00 |
| 58 | | Fluorene | 1.394 | 1.359 | 2.5 | 111 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.326 | 0.350 | -7.4 | 117 | 0.00 |
| 60 | | Diethylphthalate | 1.513 | 1.468 | 3.0 | 107 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.643 | 0.622 | 3.3 | 110 | 0.00 |
| 62 | | 4-Nitroaniline | 0.355 | 0.390 | -9.9 | 119 | 0.00 |
| 63 | | Azobenzene | 1.713 | 1.666 | 2.7 | 109 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 111 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.104 | 0.130 | -25.0# | 135 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.640 | 0.644 | -0.6 | 113 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.209 | 0.204 | 2.4 | 110 | 0.00 |
| 68 | | Hexachlorobenzene | 0.236 | 0.230 | 2.5 | 108 | 0.00 |
| 69 | | Atrazine | 0.200 | 0.190 | 5.0 | 105 | 0.00 |
| 70 | C | Pentachlorophenol | 0.123 | 0.134 | -8.9 | 109 | 0.00 |
| 71 | | Phenanthrene | 1.044 | 1.024 | 1.9 | 112 | 0.00 |
| 72 | | Anthracene | 1.043 | 1.018 | 2.4 | 112 | 0.00 |
| 73 | | Carbazole | 1.041 | 1.030 | 1.1 | 112 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.260 | 1.144 | 9.2 | 101 | 0.00 |
| 75 | C | Fluoranthene | 1.147 | 1.106 | 3.6 | 109 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 105 | 0.00 |
| 77 | | Benzidine | 0.544 | 0.592 | -8.8 | 93 | 0.00 |
| 78 | | Pyrene | 1.460 | 1.575 | -7.9 | 110 | 0.00 |
| 79 | S | Terphenyl-d14 | 1.029 | 1.019 | 1.0 | 104 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.686 | 0.704 | -2.6 | 108 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.226 | 1.183 | 3.5 | 105 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.392 | 0.408 | -4.1 | 113 | 0.00 |
| 83 | | Chrysene | 1.231 | 1.199 | 2.6 | 105 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.912 | 0.847 | 7.1 | 97 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 1.468 | 1.352 | 7.9 | 97 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 102 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.067 | 1.131 | -6.0 | 113 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 1.412 | 1.365 | 3.3 | 104 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 1.380 | 1.244 | 9.9 | 95 | 0.00 |
| 90 | C | Benzo(a)pyrene | 1.123 | 1.141 | -1.6 | 102 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 0.903 | 0.975 | -8.0 | 114 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 0.889 | 0.989 | -11.2 | 120 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042021\
Data File : BF123638.D
Acq On : 20 Apr 2021 12:07
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Apr 20 15:50:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 15:49:40 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) |
|---|---|---|---|---|---|

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