Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042721\
Data File : BF123746.D
Acq On : 27 Apr 2021 14:32
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**
mohammad
4/28/2021 10:59:58 AM

Quant Time: Apr 27 14:53:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 27 14:29:30 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.810 | 152 | 269387 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.098 | 136 | 979303 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.851 | 164 | 476379 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.339 | 188 | 922550 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.986 | 240 | 657101 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.433 | 264 | 499807 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.428 | 112 | 1570325 | 88.31 | ng | | 0.00 |
| 7) Phenol-d6 | 6.451 | 99 | 2179915 | 88.78 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.381 | 82 | 2078805 | 91.97 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.645 | 330 | 573689 | 91.55 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.175 | 172 | 2956343 | 92.28 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.927 | 244 | 3266911 | 90.99 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.516 | 88 | 435644 | 45.53 | ng | | 97 |
| 3) Pyridine | 3.251 | 79 | 1103190 | 46.83 | ng | | 91 |
| 4) n-Nitrosodimethylamine | 3.216 | 42 | 609306 | 46.97 | ng | | 94 |
| 6) Aniline | 6.475 | 93 | 1277770 | 44.77 | ng | | 96 |
| 8) 2-Chlorophenol | 6.598 | 128 | 868510 | 45.03 | ng | | 96 |
| 9) Benzaldehyde | 6.357 | 77 | 504354 | 42.71 | ng | | 96 |
| 10) Phenol | 6.463 | 94 | 1166607 | 42.41 | ng | | 86 |
| 11) bis(2-Chloroethyl)ether | 6.551 | 93 | 867598 | 44.92 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.751 | 146 | 859505 | 43.72 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.828 | 146 | 871983 | 44.14 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 6.986 | 146 | 795561 | 41.40 | ng | | 100 |
| 15) Benzyl Alcohol | 6.957 | 79 | 895427 | 45.98 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.086 | 45 | 1850950 | 45.07 | ng | | 99 |
| 17) 2-Methylphenol | 7.069 | 107 | 744824 | 44.92 | ng | | 98 |
| 18) Hexachloroethane | 7.322 | 117 | 352000 | 44.36 | ng | | 93 |
| 19) n-Nitroso-di-n-propyla... | 7.233 | 70 | 685557 | 44.13 | ng | | 96 |
| 20) 3+4-Methylphenols | 7.228 | 107 | 871134 | 45.33 | ng | # | 85 |
| 22) Acetophenone | 7.222 | 105 | 1242258 | 44.63 | ng | | 92 |
| 24) Nitrobenzene | 7.398 | 77 | 1087707 | 46.15 | ng | | 96 |
| 25) Isophorone | 7.639 | 82 | 1937458 | 45.20 | ng | | 99 |
| 26) 2-Nitrophenol | 7.710 | 139 | 456688 | 46.77 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 7.751 | 122 | 687260 | 45.15 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 7.851 | 93 | 985674 | 45.12 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 7.957 | 162 | 671937 | 45.26 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.039 | 180 | 704933 | 45.13 | ng | | 98 |
| 31) Naphthalene | 8.122 | 128 | 2346349 | 44.33 | ng | | 100 |
| 32) Benzoic acid | 7.892 | 122 | 472758 | 49.86 | ng | | 93 |
| 33) 4-Chloroaniline | 8.169 | 127 | 1007594 | 45.20 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.239 | 225 | 429582 | 44.88 | ng | | 99 |
| 35) Caprolactam | 8.551 | 113 | 244186m | 46.47 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.657 | 107 | 861048 | 46.06 | ng | | 94 |
| 37) 2-Methylnaphthalene | 8.810 | 142 | 1524440 | 44.16 | ng | | 100 |
| 38) 1-Methylnaphthalene | 8.910 | 142 | 1427534 | 43.72 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 8.975 | 216 | 660817 | 45.56 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 8.963 | 237 | 298131 | 53.09 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.086 | 196 | 467259 | 46.02 | ng | | 97 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042721\
Data File : BF123746.D
Acq On : 27 Apr 2021 14:32
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 27 14:53:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 27 14:29:30 2021
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**
mohammad
4/28/2021 10:59:58 AM

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.133 | 196 | 508987 | 46.99 | ng | | 97 |
| 46) 1,1'-Biphenyl | 9.275 | 154 | 1803124 | 44.91 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.298 | 162 | 1383587 | 45.38 | ng | | 98 |
| 48) 2-Nitroaniline | 9.392 | 65 | 641540 | 47.91 | ng | | 91 |
| 49) Acenaphthylene | 9.716 | 152 | 2227670 | 44.79 | ng | | 99 |
| 50) Dimethylphthalate | 9.580 | 163 | 1579754 | 45.28 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.639 | 165 | 377095 | 45.79 | ng | | 96 |
| 52) Acenaphthene | 9.886 | 154 | 1346788 | 44.78 | ng | | 98 |
| 53) 3-Nitroaniline | 9.810 | 138 | 443350 | 46.25 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 9.916 | 184 | 223710 | 53.80 | ng | | 90 |
| 55) Dibenzofuran | 10.063 | 168 | 2013394 | 44.38 | ng | | 99 |
| 56) 4-Nitrophenol | 9.974 | 139 | 338510 | 47.23 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 10.045 | 165 | 513091 | 46.30 | ng | | 91 |
| 58) Fluorene | 10.404 | 166 | 1544043 | 44.15 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.180 | 232 | 394345 | 45.28 | ng | | 99 |
| 60) Diethylphthalate | 10.280 | 149 | 1683855 | 45.05 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 10.392 | 204 | 711337 | 43.90 | ng | | 97 |
| 62) 4-Nitroaniline | 10.427 | 138 | 444174 | 46.42 | ng | | 95 |
| 63) Azobenzene | 10.557 | 77 | 1911779 | 44.85 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.457 | 198 | 294503 | 47.73 | ng | # | 76 |
| 66) n-Nitrosodiphenylamine | 10.516 | 169 | 1389148 | 44.11 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.886 | 248 | 453991 | 43.88 | ng | | 94 |
| 68) Hexachlorobenzene | 10.951 | 284 | 527856 | 44.81 | ng | | 98 |
| 69) Atrazine | 11.045 | 200 | 432738 | 44.89 | ng | | 98 |
| 70) Pentachlorophenol | 11.145 | 266 | 294387 | 49.82 | ng | | 95 |
| 71) Phenanthrene | 11.363 | 178 | 2236900 | 43.90 | ng | | 99 |
| 72) Anthracene | 11.416 | 178 | 2224461 | 44.01 | ng | | 99 |
| 73) Carbazole | 11.574 | 167 | 2244906 | 43.70 | ng | | 98 |
| 74) Di-n-butylphthalate | 11.904 | 149 | 2536512 | 43.66 | ng | | 99 |
| 75) Fluoranthene | 12.557 | 202 | 2442490 | 43.96 | ng | | 98 |
| 77) Benzidine | 12.674 | 184 | 856963 | 44.12 | ng | | 97 |
| 78) Pyrene | 12.786 | 202 | 2470031 | 45.98 | ng | | 98 |
| 80) Butylbenzylphthalate | 13.404 | 149 | 1095642 | 47.27 | ng | | 98 |
| 81) Benzo(a)anthracene | 13.974 | 228 | 1920737 | 45.83 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 13.933 | 252 | 581238 | 45.40 | ng | # | 97 |
| 83) Chrysene | 14.015 | 228 | 1922878 | 45.65 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 13.962 | 149 | 1328896 | 46.23 | ng | | 97 |
| 85) Di-n-octyl phthalate | 14.580 | 149 | 2157240 | 46.67 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 16.886 | 276 | 1433225 | 46.93 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.015 | 252 | 1703533 | 48.33 | ng | # | 98 |
| 89) Benzo(k)fluoranthene | 15.045 | 252 | 1486793 | 44.37 | ng | | 98 |
| 90) Benzo(a)pyrene | 15.380 | 252 | 1402766 | 46.20 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 16.903 | 278 | 1207259 | 47.05 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.327 | 276 | 1230389 | 48.10 | ng | | 97 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042721\
Data File : BF123746.D
Acq On : 27 Apr 2021 14:32
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 27 14:53:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 27 14:29:30 2021
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**
mohammad
4/28/2021 10:59:58 AM