Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
Data File : BF120881.D
Acq On : 16 Jul 2020 12:11
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jul 16 13:21:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 12:11:07 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.82 | 152 | 156768 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.10 | 136 | 576146 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.86 | 164 | 297086 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.33 | 188 | 573529 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.97 | 240 | 467204 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.42 | 264 | 554905 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.42 | 112 | 908798 | 89.49 | ng | | 0.00 |
| 7) Phenol-d6 | 6.45 | 99 | 1171251 | 90.31 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.38 | 82 | 992660 | 99.82 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.65 | 330 | 329564 | 110.42 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.18 | 172 | 1644230 | 83.73 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.93 | 244 | 1886805 | 79.07 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.50 | 88 | 215685 | 46.493 | ng | | 99 |
| 3) Pyridine | 3.24 | 79 | 590528 | 46.473 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.19 | 42 | 248089 | 39.027 | ng | | 98 |
| 6) Aniline | 6.47 | 93 | 801540 | 48.123 | ng | | 99 |
| 8) 2-Chlorophenol | 6.60 | 128 | 514191 | 47.556 | ng | | 97 |
| 9) Benzaldehyde | 6.36 | 77 | 282447 | 36.618 | ng | | 99 |
| 10) Phenol | 6.46 | 94 | 652258 | 48.889 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 6.56 | 93 | 508528 | 46.841 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 6.76 | 146 | 547571 | 46.010 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.83 | 146 | 547991 | 45.972 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 6.99 | 146 | 514005 | 45.324 | ng | | 99 |
| 15) Benzyl Alcohol | 6.96 | 79 | 423709 | 43.483 | ng | | 100 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.10 | 45 | 724731 | 42.798 | ng | | 99 |
| 17) 2-Methylphenol | 7.07 | 107 | 453503 | 46.885 | ng | | 99 |
| 18) Hexachloroethane | 7.33 | 117 | 202858 | 45.279 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 7.24 | 70 | 329624 | 42.211 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.22 | 107 | 503430 | 42.258 | ng | | 92 |
| 22) Acetophenone | 7.23 | 105 | 603989 | 42.176 | ng | # | 92 |
| 24) Nitrobenzene | 7.40 | 77 | 537419 | 48.133 | ng | | 97 |
| 25) Isophorone | 7.64 | 82 | 976094 | 45.515 | ng | | 98 |
| 26) 2-Nitrophenol | 7.72 | 139 | 275227 | 67.432 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 7.76 | 122 | 412898 | 48.231 | ng | | 96 |
| 28) bis(2-Chloroethoxy)methane | 7.85 | 93 | 599402 | 47.225 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.96 | 162 | 424474 | 49.667 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.05 | 180 | 463975 | 48.335 | ng | | 97 |
| 31) Naphthalene | 8.12 | 128 | 1414663 | 45.944 | ng | | 99 |
| 32) Benzoic acid | 7.88 | 122 | 321262 | 69.341 | ng | | 96 |
| 33) 4-Chloroaniline | 8.17 | 127 | 648750 | 49.653 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.25 | 225 | 271164 | 46.970 | ng | | 99 |
| 35) Caprolactam | 8.55 | 113 | 139405 | 55.980 | ng | | 94 |
| 36) 4-Chloro-3-methylphenol | 8.65 | 107 | 432350 | 48.633 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.82 | 142 | 933017 | 46.614 | ng | | 100 |
| 38) 1-Methylnaphthalene | 8.92 | 142 | 886691 | 47.293 | ng | | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.98 | 216 | 422438 | 47.049 | ng | | 99 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
Data File : BF120881.D
Acq On : 16 Jul 2020 12:11
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jul 16 13:21:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 12:11:07 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 8.97 | 237 | 250210 | 47.166 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.09 | 196 | 309693 | 50.619 | ng | | 98 |
| 44) 2,4,5-Trichlorophenol | 9.13 | 196 | 350976 | 51.691 | ng | | 97 |
| 46) 1,1'-Biphenyl | 9.28 | 154 | 1096687 | 45.764 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.30 | 162 | 908892 | 47.343 | ng | | 98 |
| 48) 2-Nitroaniline | 9.40 | 65 | 290137 | 56.484 | ng | | 93 |
| 49) Acenaphthylene | 9.72 | 152 | 1403690 | 46.636 | ng | | 99 |
| 50) Dimethylphthalate | 9.58 | 163 | 1055093 | 48.685 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.64 | 165 | 238691 | 60.965 | ng | | 95 |
| 52) Acenaphthene | 9.89 | 154 | 900541 | 48.228 | ng | | 99 |
| 53) 3-Nitroaniline | 9.81 | 138 | 295642 | 61.121 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 9.91 | 184 | 127230 | 98.395 | ng | # | 86 |
| 55) Dibenzofuran | 10.06 | 168 | 1270136 | 47.189 | ng | | 98 |
| 56) 4-Nitrophenol | 9.96 | 139 | 231673 | 65.209 | ng | | 96 |
| 57) 2,4-Dinitrotoluene | 10.04 | 165 | 319829 | 68.040 | ng | | 91 |
| 58) Fluorene | 10.40 | 166 | 876182 | 43.734 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.17 | 232 | 272151 | 53.863 | ng | | 98 |
| 60) Diethylphthalate | 10.28 | 149 | 1080632 | 47.867 | ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 10.40 | 204 | 450793 | 44.760 | ng | | 97 |
| 62) 4-Nitroaniline | 10.42 | 138 | 290679 | 63.128 | ng | | 99 |
| 63) Azobenzene | 10.56 | 77 | 1010907 | 43.774 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylphenol | 10.45 | 198 | 169135 | 91.786 | ng | | 89 |
| 66) n-Nitrosodiphenylamine | 10.52 | 169 | 883808 | 45.976 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.89 | 248 | 319791 | 48.068 | ng | | 93 |
| 68) Hexachlorobenzene | 10.95 | 284 | 340528 | 48.777 | ng | # | 92 |
| 69) Atrazine | 11.04 | 200 | 200964 | 40.579 | ng | | 98 |
| 70) Pentachlorophenol | 11.14 | 266 | 214355 | 54.269 | ng | | 99 |
| 71) Phenanthrene | 11.36 | 178 | 1421920 | 45.693 | ng | | 100 |
| 72) Anthracene | 11.42 | 178 | 1426079 | 45.350 | ng | | 99 |
| 73) Carbazole | 11.57 | 167 | 1441591 | 47.705 | ng | | 100 |
| 74) Di-n-butylphthalate | 11.90 | 149 | 1654818 | 44.231 | ng | | 100 |
| 75) Fluoranthene | 12.55 | 202 | 1576787 | 47.565 | ng | | 99 |
| 77) Benzidine | 12.67 | 184 | 659744 | 50.029 | ng | | 99 |
| 78) Pyrene | 12.78 | 202 | 1623214 | 43.502 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.40 | 149 | 764505 | 47.457 | ng | | 98 |
| 81) Benzo(a)anthracene | 13.97 | 228 | 1340771 | 44.769 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.93 | 252 | 550961 | 54.515 | ng | | 99 |
| 83) Chrysene | 14.00 | 228 | 1462046 | 47.860 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 13.96 | 149 | 850075 | 40.240 | ng | # | 99 |
| 85) Di-n-octyl phthalate | 14.57 | 149 | 1835299 | 49.108 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 16.86 | 276 | 1913994 | 53.776 | ng | | 100 |
| 88) Benzo(b)fluoranthene | 15.00 | 252 | 1692209 | 46.386 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.04 | 252 | 1445431 | 40.719 | ng | | 100 |
| 90) Benzo(a)pyrene | 15.37 | 252 | 1508765 | 46.362 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 16.88 | 278 | 1548240 | 52.191 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.30 | 276 | 1554900 | 57.351 | ng | | 99 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
Data File : BF120881.D
Acq On : 16 Jul 2020 12:11
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jul 16 13:21:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 12:11:07 2020
Response via : Initial Calibration