Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
Data File : BF099324.D
Acq On : 11 Oct 2017 2:33
Operator : SJ/JU
Sample : I5748-07 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CL-01-100617-C

Quant Time: Oct 11 13:58:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.86 | 152 | 95696 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.15 | 136 | 360442 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.90 | 164 | 140572 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.39 | 188 | 235943 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.03 | 240 | 199584 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.50 | 264 | 140006 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.48 | 112 | 106415 | 17.70 | ng | | 0.00 |
| 7) Phenol-d6 | 6.49 | 99 | 123338 | 16.63 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.42 | 82 | 66264 | 11.79 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.69 | 330 | 17878 | 15.54 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.22 | 172 | 129618 | 15.39 | ng | | -0.01 |
| 78) Terphenyl-d14 | 12.97 | 244 | 108938 | 12.41 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 8) 2-Chlorophenol | 6.65 | 128 | 17526 | 2.574 | ng | | 90 |
| 10) Phenol | 6.50 | 94 | 23096 | 2.785 | ng | | 95 |
| 11) bis(2-Chloroethyl)ether | 6.59 | 93 | 16530 | 2.564 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 6.80 | 146 | 18555 | 2.603 | ng | | 93 |
| 13) 1,4-Dichlorobenzene | 6.88 | 146 | 18646 | 2.570 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 7.03 | 146 | 17764 | 2.650 | ng | | 97 |
| 15) Benzyl Alcohol | 7.00 | 79 | 13286 | 2.442 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.13 | 45 | 22733 | 2.263 | ng | | 91 |
| 17) 2-Methylphenol | 7.12 | 107 | 13860 | 2.488 | ng | | 97 |
| 19) n-Nitroso-di-n-propylamine | 7.26 | 70 | 10943 | 2.311 | ng | | 94 |
| 20) 3+4-Methylphenols | 7.27 | 107 | 18134 | 2.573 | ng | # | 36 |
| 22) Acetophenone | 7.27 | 105 | 24616 | 2.819 | ng | | 99 |
| 24) Nitrobenzene | 7.45 | 77 | 15981 | 2.507 | ng | | 93 |
| 25) Isophorone | 7.68 | 82 | 29509 | 2.539 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 7.80 | 122 | 13497 | 2.331 | ng | | 100 |
| 28) bis(2-Chloroethoxy)methane | 7.89 | 93 | 19431 | 2.683 | ng | | 96 |
| 29) 2,4-Dichlorophenol | 8.01 | 162 | 11619 | 2.337 | ng | | 90 |
| 30) 1,2,4-Trichlorobenzene | 8.09 | 180 | 14018 | 2.819 | ng | | 98 |
| 31) Naphthalene | 8.17 | 128 | 48096 | 2.841 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.28 | 225 | 6695 | 2.614 | ng | | 97 |
| 36) 4-Chloro-3-methylphenol | 8.70 | 107 | 11831 | 2.117 | ng | | 86 |
| 37) 2-Methylnaphthalene | 8.86 | 142 | 31235 | 2.838 | ng | | 96 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.02 | 216 | 11529 | 2.750 | ng | | 98 |
| 42) 2,4,6-Trichlorophenol | 9.14 | 196 | 7049 | 2.373 | ng | | 94 |
| 43) 2,4,5-Trichlorophenol | 9.19 | 196 | 7159 | 2.415 | ng | | 94 |
| 45) 1,1'-Biphenyl | 9.32 | 154 | 34960 | 2.894 | ng | | 96 |
| 46) 2-Chloronaphthalene | 9.35 | 162 | 25834 | 2.848 | ng | | 92 |
| 47) 2-Nitroaniline | 9.45 | 65 | 7589 | 2.732 | ng | | 98 |
| 48) Acenaphthylene | 9.76 | 152 | 42601 | 3.068 | ng | | 100 |
| 49) Dimethylphthalate | 9.61 | 163 | 51491 | 4.853 | ng | | 100 |
| 51) Acenaphthene | 9.93 | 154 | 25418 | 2.890 | ng | | 97 |
| 52) 3-Nitroaniline | 9.86 | 138 | 6754 | 2.508 | ng | | 96 |
| 54) Dibenzofuran | 10.10 | 168 | 35679 | 3.046 | ng | | 100 |
| 55) 4-Nitrophenol | 10.03 | 139 | 5705 | 2.505 | ng | | 87 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
Data File : BF099324.D
Acq On : 11 Oct 2017 2:33
Operator : SJ/JU
Sample : I5748-07 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CL-01-100617-C

Quant Time: Oct 11 13:58:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 57) Fluorene | 10.45 | 166 | 32597 | 3.463 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.23 | 232 | 4800 | 2.344 | ng | # | 99 |
| 59) Diethylphthalate | 10.31 | 149 | 28162 | 2.716 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 10.44 | 204 | 11760 | 2.781 | ng | | 93 |
| 61) 4-Nitroaniline | 10.46 | 138 | 7313 | 2.815 | ng | | 90 |
| 62) Azobenzene | 10.60 | 77 | 22082 | 2.317 | ng | | 89 |
| 65) n-Nitrosodiphenylamine | 10.55 | 169 | 23512 | 2.877 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.93 | 248 | 6012 | 2.603 | ng | | 98 |
| 67) Hexachlorobenzene | 11.00 | 284 | 6658 | 2.699 | ng | | 97 |
| 68) Atrazine | 11.07 | 200 | 6559 | 2.667 | ng | | 99 |
| 69) Pentachlorophenol | 11.20 | 266 | 3467 | 2.258 | ng | | 89 |
| 70) Phenanthrene | 11.41 | 178 | 118065 | 9.348 | ng | | 97 |
| 71) Anthracene | 11.46 | 178 | 47868 | 3.704 | ng | | 99 |
| 72) Carbazole | 11.62 | 167 | 37868 | 2.992 | ng | | 98 |
| 73) Di-n-butylphthalate | 11.94 | 149 | 42310 | 2.778 | ng | | 99 |
| 74) Fluoranthene | 12.60 | 202 | 143575 | 11.227 | ng | | 97 |
| 77) Pyrene | 12.83 | 202 | 162118 | 10.652 | ng | | 97 |
| 79) Butylbenzylphthalate | 13.44 | 149 | 19090 | 2.669 | ng | | 92 |
| 80) Benzo(a)anthracene | 14.02 | 228 | 77982 | 6.453 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.98 | 252 | 10540 | 2.379 | ng | | 96 |
| 82) Chrysene | 14.06 | 228 | 79470 | 6.907 | ng | | 97 |
| 83) Bis(2-ethylhexyl)phthalate | 13.99 | 149 | 29669 | 3.012 | ng | | 99 |
| 84) Di-n-octyl phthalate | 14.60 | 149 | 46608 | 2.939 | ng | # | 97 |
| 85) Indeno(1,2,3-cd)pyrene | 16.99 | 276 | 31974 | 3.474 | ng | # | 86 |
| 87) Benzo(b)fluoranthene | 15.07 | 252 | 58474 | 6.793 | ng | # | 93 |
| 88) Benzo(k)fluoranthene | 15.10 | 252 | 37554 | 4.417 | ng | # | 96 |
| 89) Benzo(a)pyrene | 15.44 | 252 | 44250 | 5.600 | ng | # | 88 |
| 90) Dibenzo(a,h)anthracene | 17.00 | 278 | 20679 | 3.270 | ng | # | 87 |
| 91) Benzo(g,h,i)perylene | 17.45 | 276 | 29913 | 4.785 | ng | | 98 |

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
Data File : BF099324.D
Acq On : 11 Oct 2017 2:33
Operator : SJ/JU
Sample : I5748-07 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
CL-01-100617-C

Quant Time: Oct 11 13:58:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration