Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118660.D
Acq On : 22 Jan 2020 11:38
Operator : CG/JU
Sample : L1148-03DL 100X
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-12-(4-6)DL

**Manual Integrations APPROVED**
mohammad
1/22/2020 1:37:01 PM

Quant Time: Jan 22 12:54:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.87 | 152 | 341666 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.16 | 136 | 1308404 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.92 | 164 | 690559 | 20.00 | ng | -0.01 |
| 64) Phenanthrene-d10 | 11.40 | 188 | 1117646 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 14.04 | 240 | 686654 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 15.51 | 264 | 896201 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.49 | 112 | 18588 | 1.01 | ng | -0.01 |
| 7) Phenol-d6 | 6.49 | 99 | 26364 | 1.10 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 7.43 | 82 | 14212 | 0.61 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 10.70 | 330 | 5557 | 0.70 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 9.23 | 172 | 33545 | 0.80 | ng | -0.01 |
| 79) Terphenyl-d14 | 12.98 | 244 | 33156 | 1.05 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 31) Naphthalene | 8.19 | 128 | 4807703 | 81.342 | ng | 96 |
| 37) 2-Methylnaphthalene | 8.87 | 142 | 976623 | 23.409 | ng | 98 |
| 38) 1-Methylnaphthalene | 8.97 | 142 | 592656 | 14.953 | ng | 100 |
| 46) 1,1'-Biphenyl | 9.33 | 154 | 263456 | 5.536 | ng | 96 |
| 49) Acenaphthylene | 9.77 | 152 | 423540 | 7.505 | ng | 96 |
| 52) Acenaphthene | 9.95 | 154 | 486189 | 12.884 | ng | 99 |
| 55) Dibenzofuran | 10.12 | 168 | 859283 | 16.431 | ng | 92 |
| 58) Fluorene | 10.46 | 166 | 1134856 | 27.643 | ng | 99 |
| 71) Phenanthrene | 11.43 | 178 | 3595948 | 66.690 | ng | 99 |
| 72) Anthracene | 11.47 | 178 | 1184726 | 22.205 | ng | 94 |
| 73) Carbazole | 11.62 | 167 | 356633 | 7.287 | ng | 95 |
| 75) Fluoranthene | 12.62 | 202 | 2388743 | 42.003 | ng | 98 |
| 78) Pyrene | 12.85 | 202 | 2052718 | 44.033 | ng | 94 |
| 81) Benzo(a)anthracene | 14.03 | 228 | 950875m | 23.020 | ng | |
| 83) Chrysene | 14.06 | 228 | 777478 | 19.639 | ng | 95 |
| 86) Indeno(1,2,3-cd)pyrene | 16.98 | 276 | 472938 | 13.749 | ng | 98 |
| 88) Benzo(b)fluoranthene | 15.08 | 252 | 943830m | 16.755 | ng | |
| 89) Benzo(k)fluoranthene | 15.10 | 252 | 397420m | 7.615 | ng | |
| 90) Benzo(a)pyrene | 15.44 | 252 | 852035 | 17.534 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 16.99 | 278 | 132614 | 3.085 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 17.43 | 276 | 428861 | 10.276 | ng | 98 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118660.D
Acq On : 22 Jan 2020 11:38
Operator : CG/JU
Sample : L1148-03DL 100X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 22 12:54:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SB-12-(4-6)DL

**Manual Integrations APPROVED**
mohammad
1/22/2020 1:37:01 PM