Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
Data File : BF117671.D
Acq On : 31 Oct 2019 21:07
Operator : JU
Sample : K5148-13 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
OR-03-102919

**Manual Integrations APPROVED**
mohammad
11/1/2019 12:34:55 PM

Quant Time: Nov 01 02:21:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.73 | 152 | 37448 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.01 | 136 | 164253 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.76 | 164 | 76215 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.25 | 188 | 102589 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.90 | 240 | 77474 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.34 | 264 | 66987 | 20.00 | ng | | 0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.38 | 112 | 36996 | 14.70 | ng | | 0.03 |
| 7) Phenol-d6 | 6.41 | 99 | 59914 | 17.72 | ng | | 0.03 |
| 23) Nitrobenzene-d5 | 7.32 | 82 | 32714 | 9.83 | ng | | 0.01 |
| 42) 2,4,6-Tribromophenol | 10.57 | 330 | 8293 | 12.58 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.09 | 172 | 60436 | 11.17 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.83 | 244 | 42352 | 8.92 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 71) Phenanthrene | 11.27 | 178 | 34963 | 5.869 | ng | | 99 |
| 72) Anthracene | 11.34 | 178 | 14019m | 2.294 | ng | | |
| 75) Fluoranthene | 12.47 | 202 | 73043 | 12.249 | ng | | 99 |
| 78) Pyrene | 12.70 | 202 | 68444 | 10.285 | ng | | 99 |
| 81) Benzo(a)anthracene | 13.89 | 228 | 26265 | 5.026 | ng | | 98 |
| 83) Chrysene | 13.93 | 228 | 25719 | 5.022 | ng | | 96 |
| 86) Indeno(1,2,3-cd)pyrene | 16.78 | 276 | 7850 | 2.053 | ng | | 96 |
| 88) Benzo(b)fluoranthene | 14.93 | 252 | 20363m | 5.148 | ng | | |
| 89) Benzo(k)fluoranthene | 14.96 | 252 | 9800m | 2.417 | ng | | |
| 90) Benzo(a)pyrene | 15.29 | 252 | 16875 | 4.692 | ng | # | 91 |
| 92) Benzo(g,h,i)perylene | 17.21 | 276 | 7375 | 2.506 | ng | | 95 |

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
Data File : BF117671.D
Acq On : 31 Oct 2019 21:07
Operator : JU
Sample : K5148-13 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 01 02:21:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
OR-03-102919

**Manual Integrations APPROVED**
mohammad
11/1/2019 12:34:55 PM