Quantitation Report (LSC Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF101816\
Data File : BF090637.D
Acq On : 18 Oct 2016 19:30
Operator : UM/SJ
Sample : H5289-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SP-2-2

Quant Time: Oct 19 01:59:52 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 19:19:58 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.90 | 152 | 238530 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.19 | 136 | 1057287 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 9.95 | 164 | 521552 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 11.44 | 188 | 762871 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 14.08 | 240 | 553331 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 15.54 | 264 | 462349 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.51 | 112 | 1547472 | 118.93 | ng | | 0.00 |
| 7) Phenol-d6 | 6.54 | 99 | 2110127 | 109.14 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.47 | 82 | 1364411 | 71.69 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.74 | 330 | 380711 | 81.88 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 9.26 | 172 | 1822230 | 57.57 | ng | | -0.01 |
| 78) Terphenyl-d14 | 13.02 | 244 | 1452764 | 61.13 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 48) Acenaphthylene | 9.80 | 152 | 100893 | 2.14 | ng | | 98 |
| 49) Dimethylphthalate | 9.66 | 163 | 556724 | 16.45 | ng | # | 98 |
| 70) Phenanthrene | 11.46 | 178 | 562079 | 13.80 | ng | | 99 |
| 71) Anthracene | 11.50 | 178 | 206046 | 4.70 | ng | | 99 |
| 74) Fluoranthene | 12.65 | 202 | 1185584 | 28.94 | ng | | 93 |
| 77) Pyrene | 12.88 | 202 | 1058731 | 28.89 | ng | | 99 |
| 80) Benzo(a)anthracene | 14.08 | 228 | 723147 | 22.96 | ng | | 97 |
| 82) Chrysene | 14.11 | 228 | 605026m | 19.93 | ng | | |
| 85) Indeno(1,2,3-cd)pyrene | 16.99 | 276 | 242134 | 13.80 | ng | # | 91 |
| 87) Benzo(b)fluoranthene | 15.12 | 252 | 937436m | 30.98 | ng | | |
| 88) Benzo(k)fluoranthene | 15.14 | 252 | 216564m | 6.65 | ng | | |
| 89) Benzo(a)pyrene | 15.48 | 252 | 452966 | 16.35 | ng | | 96 |
| 90) Dibenzo(a,h)anthracene | 17.00 | 278 | 60012 | 2.84 | ng | | 94 |
| 91) Benzo(g,h,i)perylene | 17.42 | 276 | 199711 | 9.92 | ng | | 96 |

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

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