Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091696.D
Acq On : 17 Dec 2016 2:03
Operator : UM/SJ
Sample : H6099-14 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TP12-2.5-3FT

Quant Time: Dec 17 04:42:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.77 | 152 | 216615 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.06 | 136 | 884112 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 9.81 | 164 | 383538 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 11.30 | 188 | 527577 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 13.93 | 240 | 451575 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 15.33 | 264 | 339866 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.37 | 112 | 168649 | 13.12 | ng | | -0.01 |
| 7) Phenol-d6 | 6.42 | 99 | 214168 | 13.36 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.33 | 82 | 130759 | 8.25 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.60 | 330 | 35310 | 11.08 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 9.14 | 172 | 237411 | 10.70 | ng | | -0.01 |
| 78) Terphenyl-d14 | 12.88 | 244 | 154658 | 7.77 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 70) Phenanthrene | 11.32 | 178 | 151393 | 5.79 | ng | | 96 |
| 74) Fluoranthene | 12.50 | 202 | 240981 | 8.81 | ng | | 95 |
| 77) Pyrene | 12.73 | 202 | 212480 | 5.93 | ng | | 98 |
| 80) Benzo(a)anthracene | 13.92 | 228 | 101010 | 3.85 | ng | # | 93 |
| 82) Chrysene | 13.95 | 228 | 109354m | 3.99 | ng | | |
| 87) Benzo(b)fluoranthene | 14.93 | 252 | 110771m | 5.47 | ng | | |
| 88) Benzo(k)fluoranthene | 14.95 | 252 | 47313m | 2.66 | ng | | |
| 89) Benzo(a)pyrene | 15.28 | 252 | 77031 | 4.22 | ng | # | 92 |
| 91) Benzo(g,h,i)perylene | 17.08 | 276 | 49043 | 2.95 | ng | # | 85 |

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

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