Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092716\
Data File : BF090266.D
Acq On : 27 Sep 2016 21:49
Operator : UM/SJ
Sample : H4949-05 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** S-3-1-LOC-3(0-5)

**Manual Integrations APPROVED**
sohil
9/28/2016 1:53:20 PM

Quant Time: Sep 28 11:40:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 26 15:58:38 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.48 | 152 | 107473m | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 7.76 | 136 | 408144m | 20.00 | ng | -0.01 |
| 38) Acenaphthene-d10 | 9.50 | 164 | 209361 | 20.00 | ng | -0.01 |
| 63) Phenanthrene-d10 | 10.97 | 188 | 285626 | 20.00 | ng | -0.01 |
| 75) Chrysene-d12 | 13.59 | 240 | 225868 | 20.00 | ng | -0.01 |
| 86) Perylene-d12 | 14.91 | 264 | 223705 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.03 | 112 | 59108 | 8.96 | ng | 0.00 |
| 7) Phenol-d6 | 6.12 | 99 | 85238 | 10.47 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 7.04 | 82 | 50844 | 7.22 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.28 | 330 | 14236 | 7.93 | ng | -0.01 |
| 44) 2-Fluorobiphenyl | 8.83 | 172 | 96508 | 9.05 | ng | -0.02 |
| 78) Terphenyl-d14 | 12.55 | 244 | 60739 | 6.83 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 31) Naphthalene | 7.78 | 128 | 269256 | 13.85 | ng | 99 |
| 37) 2-Methylnaphthalene | 8.47 | 142 | 62380 | 5.16 | ng | 99 |
| 48) Acenaphthylene | 9.36 | 152 | 287654 | 16.03 | ng | 98 |
| 49) Dimethylphthalate | 9.23 | 163 | 31551 | 2.37 | ng | 98 |
| 51) Acenaphthene | 9.53 | 154 | 60181 | 5.65 | ng | 98 |
| 54) Dibenzofuran | 9.70 | 168 | 116482 | 8.31 | ng | 98 |
| 57) Fluorene | 10.04 | 166 | 164969 | 15.62 | ng | 99 |
| 70) Phenanthrene | 10.99 | 178 | 1251318 | 93.68 | ng | 99 |
| 71) Anthracene | 11.04 | 178 | 363657 | 25.96 | ng | 98 |
| 72) Carbazole | 11.20 | 167 | 239161 | 16.15 | ng | 98 |
| 74) Fluoranthene | 12.18 | 202 | 1718110 | 119.83 | ng | 92 |
| 77) Pyrene | 12.40 | 202 | 1315282 | 85.10 | ng | 99 |
| 80) Benzo(a)anthracene | 13.58 | 228 | 796450m | 65.54 | ng | |
| 82) Chrysene | 13.61 | 228 | 837315m | 70.74 | ng | |
| 85) Indeno(1,2,3-cd)pyrene | 16.06 | 276 | 417432m | 43.61 | ng | |
| 87) Benzo(b)fluoranthene | 14.58 | 252 | 932367m | 75.27 | ng | |
| 88) Benzo(k)fluoranthene | 14.58 | 252 | 451219m | 38.81 | ng | |
| 89) Benzo(a)pyrene | 14.87 | 252 | 683413 | 58.65 | ng | 96 |
| 90) Dibenzo(a,h)anthracene | 16.07 | 278 | 123625m | 13.60 | ng | |
| 91) Benzo(g,h,i)perylene | 16.40 | 276 | 361873 | 40.66 | ng | 95 |

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

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