Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
Data File : BF096389.D
Acq On : 1 Jul 2017 20:04
Operator : SJ/MA
Sample : I3908-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** G-61-1.5-3

**Manual Integrations APPROVED**
mohammad
7/3/2017 4:02:56 PM

Quant Time: Jul 03 02:42:14 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 01:43:12 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.73 | 152 | 149131 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.02 | 136 | 581233 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.76 | 164 | 201566 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.25 | 188 | 279234 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.87 | 240 | 260504 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.29 | 264 | 233904 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.35 | 112 | 898810 | 88.96 | ng | | 0.00 |
| 7) Phenol-d6 | 6.37 | 99 | 1000535 | 80.55 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.29 | 82 | 657442 | 67.97 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.55 | 330 | 134600 | 85.49 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.09 | 172 | 857118 | 72.70 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.83 | 244 | 502031 | 41.18 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 31) Naphthalene | 8.03 | 128 | 266038 | 9.695 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.73 | 142 | 153893 | 8.811 | ng | | 97 |
| 45) 1,1'-Biphenyl | 9.19 | 154 | 39483 | 2.286 | ng | | 92 |
| 48) Acenaphthylene | 9.62 | 152 | 82766 | 4.058 | ng | | 98 |
| 49) Dimethylphthalate | 9.48 | 163 | 256228 | 17.028 | ng | | 99 |
| 51) Acenaphthene | 9.80 | 154 | 60845 | 4.840 | ng | | 99 |
| 54) Dibenzofuran | 9.97 | 168 | 113124 | 6.816 | ng | | 94 |
| 57) Fluorene | 10.31 | 166 | 54744 | 4.670 | ng | # | 91 |
| 70) Phenanthrene | 11.27 | 178 | 446813 | 29.601 | ng | | 99 |
| 71) Anthracene | 11.32 | 178 | 145310 | 9.447 | ng | | 99 |
| 72) Carbazole | 11.47 | 167 | 61431 | 3.971 | ng | | 97 |
| 73) Di-n-butylphthalate | 11.82 | 149 | 39987 | 2.134 | ng | | 97 |
| 74) Fluoranthene | 12.46 | 202 | 583889 | 39.453 | ng | | 98 |
| 77) Pyrene | 12.68 | 202 | 536569 | 25.661 | ng | | 99 |
| 80) Benzo(a)anthracene | 13.87 | 228 | 297282 | 19.707 | ng | | 94 |
| 82) Chrysene | 13.90 | 228 | 357867 | 22.653 | ng | | 97 |
| 83) Bis(2-ethylhexyl)phthalate | 13.87 | 149 | 103353 | 8.747 | ng | # | 97 |
| 85) Indeno(1,2,3-cd)pyrene | 16.66 | 276 | 132959 | 10.663 | ng | | 98 |
| 87) Benzo(b)fluoranthene | 14.89 | 252 | 526091m | 35.895 | ng | | |
| 88) Benzo(k)fluoranthene | 14.92 | 252 | 118287m | 9.022 | ng | | |
| 89) Benzo(a)pyrene | 15.23 | 252 | 219782 | 16.796 | ng | | 96 |
| 90) Dibenzo(a,h)anthracene | 16.67 | 278 | 38259 | 3.717 | ng | # | 82 |
| 91) Benzo(g,h,i)perylene | 17.07 | 276 | 117332 | 11.000 | ng | | 97 |

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

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