Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091294.D
Acq On : 24 Nov 2016 00:10
Operator : UM/SJ
Sample : H5740-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-04(0-0.16)

**Manual Integrations APPROVED**
sohil
11/28/2016 5:18:11 PM

Quant Time: Nov 24 00:58:34 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 13:22:53 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.88 | 152 | 203683 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.17 | 136 | 806315 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.92 | 164 | 362733 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.40 | 188 | 489626 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.08 | 240 | 342188 | 20.00 | ng | | 0.03 |
| 86) Perylene-d12 | 15.54 | 264 | 384458 | 20.00 | ng | | 0.07 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.48 | 112 | 1164806 | 91.88 | ng | | 0.01 |
| 7) Phenol-d6 | 6.51 | 99 | 1647293 | 101.14 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 7.44 | 82 | 975928 | 69.68 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.70 | 330 | 290701 | 79.47 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.24 | 172 | 1268482 | 57.26 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.00 | 244 | 906634 | 60.51 | ng | | 0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Phenol | 6.52 | 94 | 118153 | 6.50 | ng | | 80 |
| 31) Naphthalene | 8.19 | 128 | 177418 | 4.57 | ng | | 98 |
| 32) Benzoic acid | 7.87 | 122 | 40295 | 4.10 | ng | | 95 |
| 37) 2-Methylnaphthalene | 8.88 | 142 | 84836 | 3.19 | ng | | 93 |
| 48) Acenaphthylene | 9.78 | 152 | 1245394 | 40.57 | ng | | 99 |
| 49) Dimethylphthalate | 9.64 | 163 | 141260 | 6.24 | ng | # | 95 |
| 51) Acenaphthene | 9.95 | 154 | 63033 | 3.02 | ng | | 98 |
| 54) Dibenzofuran | 10.12 | 168 | 122631 | 4.17 | ng | # | 92 |
| 57) Fluorene | 10.46 | 166 | 106564m | 4.74 | ng | | |
| 68) Atrazine | 11.10 | 200 | 17770 | 3.80 | ng | | 85 |
| 70) Phenanthrene | 11.42 | 178 | 935464 | 36.83 | ng | | 98 |
| 71) Anthracene | 11.49 | 178 | 2993144 | 115.25 | ng | | 99 |
| 72) Carbazole | 11.63 | 167 | 377510 | 16.33 | ng | | 100 |
| 74) Fluoranthene | 12.64 | 202 | 5363432 | 207.59 | ng | | 93 |
| 77) Pyrene | 12.88 | 202 | 6356273 | 251.40 | ng | | 94 |
| 80) Benzo(a)anthracene | 14.07 | 228 | 6941518 | 357.43 | ng | # | 90 |
| 82) Chrysene | 14.11 | 228 | 4005596m | 218.24 | ng | | |
| 83) Bis(2-ethylhexyl)phthalate | 14.04 | 149 | 67434 | 5.35 | ng | # | 87 |
| 85) Indeno(1,2,3-cd)pyrene | 17.01 | 276 | 3203857 | 202.69 | ng | # | 92 |
| 87) Benzo(b)fluoranthene | 15.14 | 252 | 8761091m | 361.24 | ng | | |
| 88) Benzo(k)fluoranthene | 15.15 | 252 | 2652563m | 133.91 | ng | | |
| 89) Benzo(a)pyrene | 15.51 | 252 | 4339515 | 210.32 | ng | | 95 |
| 90) Dibenzo(a,h)anthracene | 17.01 | 278 | 1170613 | 61.45 | ng | # | 87 |
| 91) Benzo(g,h,i)perylene | 17.45 | 276 | 2652457 | 140.38 | ng | | 99 |

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

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