Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081511.D
Acq On : 6 Sep 2015 15:49
Operator : UM/IZ
Sample : G3472-02
Misc :
ALS Vial : 86 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB002

**Manual Integrations APPROVED**
MMDadoda
9/8/2015 3:58:37 PM

Quant Time: Sep 07 09:07:56 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 07 05:41:57 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.35 | 152 | 48649 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 7.64 | 136 | 182195 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 9.38 | 164 | 78752 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 10.86 | 188 | 136927 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.47 | 240 | 100254 | 20.00 | ng | | 0.01 |
| 86) Perylene-d12 | 14.78 | 264 | 79712 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 4.90 | 112 | 291222 | 92.88 | ng | | 0.01 |
| 7) Phenol-d6 | 6.03 | 99 | 449824 | 108.38 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 6.94 | 82 | 280488 | 74.28 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.17 | 330 | 60331 | 86.04 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 8.73 | 172 | 410208 | 66.75 | ng | | -0.01 |
| 78) Terphenyl-d14 | 12.43 | 244 | 226000 | 52.48 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 31) Naphthalene | 7.67 | 128 | 66876 | 6.88 | ng | | 100 |
| 37) 2-Methylnaphthalene | 8.36 | 142 | 15438 | 2.44 | ng | # | 92 |
| 48) Acenaphthylene | 9.24 | 152 | 41721 | 4.49 | ng | | 96 |
| 49) Dimethylphthalate | 9.13 | 163 | 105227 | 17.20 | ng | # | 97 |
| 51) Acenaphthene | 9.42 | 154 | 51081 | 9.67 | ng | | 94 |
| 54) Dibenzofuran | 9.59 | 168 | 48186 | 6.25 | ng | # | 84 |
| 57) Fluorene | 9.93 | 166 | 57671m | 9.86 | ng | | |
| 70) Phenanthrene | 10.88 | 178 | 640484 | 84.14 | ng | | 96 |
| 71) Anthracene | 10.92 | 178 | 165241 | 21.13 | ng | | 98 |
| 72) Carbazole | 11.10 | 167 | 87134 | 11.87 | ng | | 98 |
| 74) Fluoranthene | 12.06 | 202 | 877510 | 106.48 | ng | | 91 |
| 77) Pyrene | 12.28 | 202 | 845732 | 113.88 | ng | | 98 |
| 79) Butylbenzylphthalate | 12.93 | 149 | 13294 | 4.12 | ng | # | 77 |
| 80) Benzo(a)anthracene | 13.46 | 228 | 404941 | 63.43 | ng | | 96 |
| 82) Chrysene | 13.50 | 228 | 343840m | 60.08 | ng | | |
| 83) Bis(2-ethylhexyl)phthalate | 13.50 | 149 | 31381 | 7.36 | ng | # | 90 |
| 85) Indeno(1,2,3-cd)pyrene | 15.86 | 276 | 128062 | 30.50 | ng | # | 82 |
| 87) Benzo(b)fluoranthene | 14.46 | 252 | 400853m | 70.44 | ng | | |
| 88) Benzo(k)fluoranthene | 14.47 | 252 | 109235m | 23.13 | ng | | |
| 89) Benzo(a)pyrene | 14.73 | 252 | 243943 | 50.59 | ng | # | 87 |
| 90) Dibenzo(a,h)anthracene | 15.86 | 278 | 30984m | 8.31 | ng | | |
| 91) Benzo(g,h,i)perylene | 16.18 | 276 | 107414 | 30.20 | ng | # | 73 |

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

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