Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081609.D
Acq On : 14 Sep 2015 15:47
Operator : UM/IZ
Sample : G3597-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** GP-3(0-5)

Quant Time: Sep 15 10:39:10 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 14 13:51:56 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.23 | 152 | 59702 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.13 | 136 | 243441 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 15.26 | 164 | 107401 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 18.79 | 188 | 180087 | 20.00 | ng | | 0.02 |
| 75) Chrysene-d12 | 23.42 | 240 | 123076m | 20.00 | ng | | 0.02 |
| 86) Perylene-d12 | 24.85 | 264 | 99973 | 20.00 | ng | | 0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.37 | 112 | 44836 | 11.65 | ng | | 0.00 |
| 7) Phenol-d6 | 7.65 | 99 | 73114 | 14.35 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 9.51 | 82 | 47378 | 9.39 | ng | | -0.03 |
| 41) 2,4,6-Tribromophenol | 17.17 | 330 | 12482 | 13.05 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 13.76 | 172 | 92596 | 11.05 | ng | | -0.02 |
| 78) Terphenyl-d14 | 22.12 | 244 | 55253m | 10.45 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 31) Naphthalene | 11.18 | 128 | 524813 | 40.42 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.84 | 142 | 211401 | 25.02 | ng | # | 89 |
| 45) 1,1'-Biphenyl | 13.98 | 154 | 59535 | 6.03 | ng | | 97 |
| 48) Acenaphthylene | 14.92 | 152 | 96430 | 7.62 | ng | | 98 |
| 49) Dimethylphthalate | 14.82 | 163 | 24183 | 2.90 | ng | # | 97 |
| 51) Acenaphthene | 15.34 | 154 | 234820 | 32.61 | ng | # | 85 |
| 54) Dibenzofuran | 15.77 | 168 | 322370 | 30.66 | ng | # | 88 |
| 57) Fluorene | 16.58 | 166 | 390615 | 48.95 | ng | | 96 |
| 70) Phenanthrene | 18.89 | 178 | 3836217 | 383.17 | ng | | 96 |
| 71) Anthracene | 18.98 | 178 | 907293 | 88.21 | ng | | 97 |
| 72) Carbazole | 19.43 | 167 | 236695 | 24.52 | ng | # | 95 |
| 74) Fluoranthene | 21.49 | 202 | 2894551 | 267.07 | ng | | 92 |
| 77) Pyrene | 21.83 | 202 | 2676037 | 293.53 | ng | # | 91 |
| 80) Benzo(a)anthracene | 23.41 | 228 | 1081326 | 137.96 | ng | | 94 |
| 82) Chrysene | 23.45 | 228 | 1030584m | 146.68 | ng | | |
| 85) Indeno(1,2,3-cd)pyrene | 25.92 | 276 | 301296m | 58.45 | ng | | |
| 87) Benzo(b)fluoranthene | 24.52 | 252 | 982510m | 137.66 | ng | | |
| 88) Benzo(k)fluoranthene | 24.53 | 252 | 318087m | 53.71 | ng | | |
| 89) Benzo(a)pyrene | 24.81 | 252 | 742349 | 122.74 | ng | # | 84 |
| 90) Dibenzo(a,h)anthracene | 25.92 | 278 | 88765m | 18.99 | ng | | |
| 91) Benzo(g,h,i)perylene | 26.23 | 276 | 251698 | 56.43 | ng | # | 69 |

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

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