

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF091615\  
 Data File : BF081670.D  
 Acq On : 17 Sep 2015 7:16  
 Operator : UM/IZ  
 Sample : G3654-01DL 10X  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MGP203(2-4)DL

Quant Time: Sep 17 13:01:26 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF090115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 15 14:03:59 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|-------|------|----------|---------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.18  | 152  | 41249    | 20.00   | ng    | -0.03    |
| 21) Naphthalene-d8          | 11.13 | 136  | 162231   | 20.00   | ng    | 0.01     |
| 38) Acenaphthene-d10        | 15.21 | 164  | 74067    | 20.00   | ng    | -0.05    |
| 63) Phenanthrene-d10        | 18.72 | 188  | 143562   | 20.00   | ng    | -0.03    |
| 75) Chrysene-d12            | 23.36 | 240  | 96485    | 20.00   | ng    | -0.02    |
| 86) Perylene-d12            | 24.79 | 264  | 76794    | 20.00   | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.34  | 112  | 28791    | 10.83   | ng    | -0.01    |
| 7) Phenol-d6                | 7.61  | 99   | 42393    | 12.05   | ng    | -0.03    |
| 23) Nitrobenzene-d5         | 9.49  | 82   | 27951    | 8.31    | ng    | -0.05    |
| 41) 2,4,6-Tribromophenol    | 17.12 | 330  | 6973     | 10.57   | ng    | -0.05    |
| 44) 2-Fluorobiphenyl        | 13.73 | 172  | 48931    | 8.47    | ng    | -0.05    |
| 78) Terphenyl-d14           | 22.08 | 244  | 37668    | 9.09    | ng    | -0.03    |
| Target Compounds            |       |      |          |         |       | Qvalue   |
| 22) Acetophenone            | 9.12  | 105  | 13186m   | 2.98    | ng    |          |
| 31) Naphthalene             | 11.22 | 128  | 9449658  | 1092.20 | ng    | 95       |
| 37) 2-Methylnaphthalene     | 12.82 | 142  | 1396472  | 248.03  | ng    | # 87     |
| 45) 1,1'-Biphenyl           | 13.94 | 154  | 409297   | 60.07   | ng    | 95       |
| 48) Acenaphthylene          | 14.87 | 152  | 113466   | 13.00   | ng    | 99       |
| 51) Acenaphthene            | 15.29 | 154  | 50085    | 10.08   | ng    | # 60     |
| 57) Fluorene                | 16.53 | 166  | 149258   | 27.12   | ng    | 97       |
| 70) Phenanthrene            | 18.79 | 178  | 541502   | 67.85   | ng    | 97       |
| 71) Anthracene              | 18.90 | 178  | 129697   | 15.82   | ng    | 100      |
| 74) Fluoranthene            | 21.41 | 202  | 128360   | 14.86   | ng    | 87       |
| 77) Pyrene                  | 21.75 | 202  | 252524   | 35.33   | ng    | 98       |
| 80) Benzo(a)anthracene      | 23.35 | 228  | 58561    | 9.53    | ng    | 97       |
| 82) Chrysene                | 23.38 | 228  | 38834    | 7.05    | ng    | 93       |
| 85) Indeno(1,2,3-cd)pyrene  | 25.83 | 276  | 12288    | 3.04    | ng    | # 85     |
| 87) Benzo(b)fluoranthene    | 24.46 | 252  | 28622m   | 5.22    | ng    |          |
| 89) Benzo(a)pyrene          | 24.74 | 252  | 33068    | 7.12    | ng    | # 87     |
| 91) Benzo(g,h,i)perylene    | 26.14 | 276  | 15111    | 4.41    | ng    | # 72     |

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

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