

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF070915\  
 Data File : BF080404.D  
 Acq On : 9 Jul 2015 17:02  
 Operator : TP/UM  
 Sample : G2750-09  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CF-1

Manual Integrations  
 APPROVED

mohammad  
 7/10/2015 8:01:58 AM

Quant Time: Jul 10 01:12:54 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF070615.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 10 00:56:59 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.20  | 152  | 38370    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.49  | 136  | 160135   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 10.26 | 164  | 86292    | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.76 | 188  | 158355   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12            | 14.72 | 240  | 183385   | 20.00  | ng    | -0.11    |
| 86) Perylene-d12            | 16.56 | 264  | 182380   | 20.00  | ng    | -0.18    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.80  | 112  | 253210   | 120.86 | ng    | 0.00     |
| 7) Phenol-d6                | 6.81  | 99   | 346536   | 124.78 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.76  | 82   | 198291   | 72.22  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 11.05 | 330  | 80748    | 89.43  | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 9.56  | 172  | 320627   | 50.14  | ng    | -0.01    |
| 78) Terphenyl-d14           | 13.45 | 244  | 395267   | 50.27  | ng    | -0.06    |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 8.51  | 128  | 88029    | 10.72  | ng    | 100      |
| 32) Benzoic acid            | 8.17  | 122  | 4123     | 8.99   | ng    | 94       |
| 37) 2-Methylnaphthalene     | 9.21  | 142  | 28529    | 5.45   | ng    | 97       |
| 49) Dimethylphthalate       | 9.96  | 163  | 46375    | 6.69   | ng    | # 97     |
| 70) Phenanthrene            | 11.79 | 178  | 89343    | 9.41   | ng    | 97       |
| 71) Anthracene              | 11.84 | 178  | 30058    | 3.23   | ng    | 98       |
| 74) Fluoranthene            | 13.05 | 202  | 137561   | 13.48  | ng    | 96       |
| 77) Pyrene                  | 13.30 | 202  | 147677   | 13.31  | ng    | 98       |
| 80) Benzo(a)anthracene      | 14.71 | 228  | 100373   | 9.08   | ng    | 96       |
| 82) Chrysene                | 14.75 | 228  | 76602    | 7.41   | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene  | 18.31 | 276  | 36374    | 2.99   | ng    | # 92     |
| 87) Benzo(b)fluoranthene    | 16.04 | 252  | 85156m   | 7.43   | ng    |          |
| 88) Benzo(k)fluoranthene    | 16.08 | 252  | 32939m   | 3.04   | ng    |          |
| 89) Benzo(a)pyrene          | 16.48 | 252  | 65510    | 6.25   | ng    | # 97     |
| 91) Benzo(g,h,i)perylene    | 18.83 | 276  | 36642    | 3.50   | ng    | 96       |

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

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