

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110615\  
 Data File : BF082733.D  
 Acq On : 5 Nov 2015 17:04  
 Operator : UM/IZ  
 Sample : G4261-12  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DW4

Quant Time: Nov 06 02:59:46 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 03 12:27:47 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.86  | 152  | 86235    | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8             | 8.14  | 136  | 285539   | 20.00  | ng    | -0.02    |
| 38) Acenaphthene-d10           | 9.90  | 164  | 156056   | 20.00  | ng    | -0.02    |
| 63) Phenanthrene-d10           | 11.39 | 188  | 259286   | 20.00  | ng    | -0.02    |
| 75) Chrysene-d12               | 14.02 | 240  | 177386   | 20.00  | ng    | -0.03    |
| 86) Perylene-d12               | 15.45 | 264  | 179746   | 20.00  | ng    | -0.06    |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.47  | 112  | 1408935  | 246.08 | ng    | 0.00     |
| 7) Phenol-d6                   | 6.50  | 99   | 1701500  | 223.69 | ng    | -0.01    |
| 23) Nitrobenzene-d5            | 7.42  | 82   | 1198904  | 171.46 | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol       | 10.69 | 330  | 428770   | 251.05 | ng    | -0.02    |
| 44) 2-Fluorobiphenyl           | 9.23  | 172  | 1753359  | 159.52 | ng    | -0.02    |
| 78) Terphenyl-d14              | 12.98 | 244  | 1516364  | 187.08 | ng    | -0.02    |
| Target Compounds               |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate          | 9.62  | 163  | 488266   | 38.31  | ng    | 99       |
| 70) Phenanthrene               | 11.41 | 178  | 169269   | 11.57  | ng    | 93       |
| 71) Anthracene                 | 11.46 | 178  | 31177    | 2.12   | ng    | 97       |
| 74) Fluoranthene               | 12.59 | 202  | 387932   | 25.95  | ng    | 96       |
| 77) Pyrene                     | 12.82 | 202  | 270574   | 20.60  | ng    | 96       |
| 80) Benzo(a)anthracene         | 14.01 | 228  | 97639    | 8.67   | ng    | 98       |
| 82) Chrysene                   | 14.04 | 228  | 159911   | 15.66  | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 14.02 | 149  | 119243   | 15.99  | ng    | # 99     |
| 85) Indeno(1,2,3-cd)pyrene     | 16.84 | 276  | 65651    | 7.79   | ng    | # 91     |
| 87) Benzo(b)fluoranthene       | 15.05 | 252  | 176635m  | 14.25  | ng    |          |
| 88) Benzo(k)fluoranthene       | 15.07 | 252  | 45387m   | 4.81   | ng    |          |
| 89) Benzo(a)pyrene             | 15.39 | 252  | 82274    | 8.43   | ng    | # 94     |
| 91) Benzo(a,h,i)perylene       | 17.27 | 276  | 59834    | 6.78   | ng    | 97       |

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

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