

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\  
 Data File : BG016772.D  
 Acq On : 28 Apr 2015 19:36  
 Operator : TP/IZ  
 Sample : G1991-10DL 10X  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-73SDL

Quant Time: Apr 29 01:38:04 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 29 00:55:31 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.56  | 152  | 65971    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.35 | 136  | 294311   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.22 | 164  | 163549   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 16.97 | 188  | 305071   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.16 | 240  | 260407   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.36 | 264  | 248686   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 5) 2-Fluorophenol           | 5.16  | 112  | 28882    | 7.10 | ng    | 0.00     |
| 7) Phenol-d6                | 6.77  | 99   | 39589    | 6.94 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.73  | 82   | 20576    | 4.42 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 15.73 | 330  | 7908     | 6.52 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 12.84 | 172  | 52300    | 5.14 | ng    | 0.00     |
| 78) Terphenyl-d14           | 19.60 | 244  | 53087    | 4.70 | ng    | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|----------------------------|-------|------|----------|-------|-------|--------|
| 31) Naphthalene            | 10.40 | 128  | 34194    | 2.20  | ng    | 97     |
| 51) Acenaphthene           | 14.29 | 154  | 33617    | 3.24  | ng    | 98     |
| 54) Dibenzofuran           | 14.63 | 168  | 46027    | 3.14  | ng    | 96     |
| 57) Fluorene               | 15.27 | 166  | 44452    | 3.47  | ng    | 92     |
| 70) Phenanthrene           | 17.01 | 178  | 544214   | 31.05 | ng    | 99     |
| 71) Anthracene             | 17.10 | 178  | 145578   | 8.35  | ng    | 98     |
| 72) Carbazole              | 17.38 | 167  | 54014    | 3.09  | ng    | 98     |
| 74) Fluoranthene           | 19.03 | 202  | 468183   | 25.21 | ng    | 97     |
| 77) Pyrene                 | 19.40 | 202  | 394587   | 21.57 | ng    | 98     |
| 80) Benzo(a)anthracene     | 21.14 | 228  | 180473   | 11.43 | ng    | 98     |
| 82) Chrysene               | 21.20 | 228  | 147417   | 9.74  | ng    | 98     |
| 85) Indeno(1,2,3-cd)pyrene | 25.59 | 276  | 65379    | 3.96  | ng    | 90     |
| 87) Benzo(b)fluoranthene   | 22.70 | 252  | 160807   | 10.65 | ng    | 97     |
| 88) Benzo(k)fluoranthene   | 22.73 | 252  | 52435m   | 3.56  | ng    |        |
| 89) Benzo(a)pyrene         | 23.26 | 252  | 123233   | 8.66  | ng    | 96     |
| 91) Benzo(g,h,i)perylene   | 26.27 | 276  | 60937    | 4.33  | ng    | 98     |

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

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