

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\  
 Data File : BF079554.D  
 Acq On : 28 May 2015 20:00  
 Operator : TP/IZ  
 Sample : G2408-02  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-25S

Manual Integrations  
 APPROVED

apatel  
 5/29/2015 5:12:30 PM

Quant Time: May 29 09:23:12 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 28 18:41:08 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.96  | 152  | 73280    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.54  | 136  | 297074   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 10.71 | 164  | 144138   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 12.54 | 188  | 272150   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 15.82 | 240  | 292192   | 20.00  | ng    | -0.02    |
| 86) Perylene-d12            | 17.52 | 264  | 335352   | 20.00  | ng    | -0.15    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.24  | 112  | 392634   | 92.93  | ng    | 0.01     |
| 7) Phenol-d6                | 6.57  | 99   | 531310   | 98.66  | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 7.66  | 82   | 301457   | 58.66  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 11.69 | 330  | 155610   | 98.29  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.88  | 172  | 607681   | 60.15  | ng    | 0.00     |
| 78) Terphenyl-d14           | 14.54 | 244  | 703911   | 56.54  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 8.56  | 128  | 335425   | 23.53  | ng    | 99       |
| 37) 2-Methylnaphthalene     | 9.43  | 142  | 102474   | 10.35  | ng    | 98       |
| 45) 1,1'-Biphenyl           | 10.01 | 154  | 41301    | 3.67   | ng    | 99       |
| 48) Acenaphthylene          | 10.54 | 152  | 302375   | 20.49  | ng    | 99       |
| 49) Dimethylphthalate       | 10.40 | 163  | 124702   | 11.74  | ng    | 99       |
| 51) Acenaphthene            | 10.74 | 154  | 57506    | 6.81   | ng    | 96       |
| 54) Dibenzofuran            | 10.96 | 168  | 246665   | 19.82  | ng    | 99       |
| 57) Fluorene                | 11.38 | 166  | 100147m  | 9.76   | ng    |          |
| 70) Phenanthrene            | 12.57 | 178  | 2114006  | 141.59 | ng    | 97       |
| 71) Anthracene              | 12.64 | 178  | 367322   | 24.23  | ng    | 100      |
| 72) Carbazole               | 12.85 | 167  | 236673   | 16.22  | ng    | 99       |
| 74) Fluoranthene            | 14.05 | 202  | 1997048  | 124.73 | ng    | 93       |
| 77) Pvrene                  | 14.32 | 202  | 1792936  | 99.04  | ng    | 96       |
| 80) Benzo(a)anthracene      | 15.81 | 228  | 998384   | 59.40  | ng    | 95       |
| 82) Chrysene                | 15.85 | 228  | 848981   | 53.14  | ng    | 96       |
| 85) Indeno(1,2,3-cd)pyrene  | 18.81 | 276  | 632200m  | 30.76  | ng    |          |
| 87) Benzo(b)fluoranthene    | 17.09 | 252  | 1296599m | 67.79  | ng    |          |
| 88) Benzo(k)fluoranthene    | 17.12 | 252  | 364017m  | 21.28  | ng    |          |
| 89) Benzo(a)pvrene          | 17.46 | 252  | 838846   | 50.24  | ng    | 98       |
| 90) Dibenzo(a,h)anthracene  | 18.82 | 278  | 161231   | 7.94   | ng    | 92       |
| 91) Benzo(g,h,i)perylene    | 19.19 | 276  | 570945   | 32.59  | ng    | 99       |

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

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