

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\  
 Data File : BF082326.D  
 Acq On : 16 Oct 2015 15:20  
 Operator : UM/IZ  
 Sample : G4034-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CWC-1-20151014

Manual Integrations  
 APPROVED

MMdadoda  
 10/19/2015 5:32:08 PM

Quant Time: Oct 17 05:30:50 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Oct 17 01:08:23 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.87  | 152  | 50027m   | 20.00  | ng    | 0.03     |
| 21) Naphthalene-d8          | 8.15  | 136  | 225442   | 20.00  | ng    | 0.02     |
| 38) Acenaphthene-d10        | 9.91  | 164  | 113184   | 20.00  | ng    | 0.02     |
| 63) Phenanthrene-d10        | 11.39 | 188  | 260604   | 20.00  | ng    | 0.02     |
| 75) Chrysene-d12            | 14.12 | 240  | 283010   | 20.00  | ng    | 0.05     |
| 86) Perylene-d12            | 15.69 | 264  | 233312   | 20.00  | ng    | 0.10     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.46  | 112  | 331747   | 133.84 | ng    | 0.03     |
| 7) Phenol-d6                | 6.50  | 99   | 429280   | 133.08 | ng    | 0.02     |
| 23) Nitrobenzene-d5         | 7.43  | 82   | 258206   | 76.91  | ng    | 0.01     |
| 41) 2,4,6-Tribromophenol    | 10.70 | 330  | 149665   | 141.00 | ng    | 0.01     |
| 44) 2-Fluorobiphenyl        | 9.22  | 172  | 519562   | 76.13  | ng    | 0.01     |
| 78) Terphenyl-d14           | 13.00 | 244  | 705740   | 66.08  | ng    | 0.03     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 8.17  | 128  | 24353    | 2.49   | ng    | 98       |
| 49) Dimethylphthalate       | 9.62  | 163  | 130209   | 16.34  | ng    | 98       |
| 51) Acenaphthene            | 9.93  | 154  | 13282    | 2.09   | ng    | 96       |
| 57) Fluorene                | 10.46 | 166  | 19611    | 2.74   | ng    | 93       |
| 70) Phenanthrene            | 11.42 | 178  | 299487   | 23.45  | ng    | 99       |
| 71) Anthracene              | 11.46 | 178  | 55466    | 4.21   | ng    | 97       |
| 74) Fluoranthene            | 12.61 | 202  | 288804   | 21.05  | ng    | 97       |
| 77) Pyrene                  | 12.85 | 202  | 322716   | 19.21  | ng    | 96       |
| 80) Benzo(a)anthracene      | 14.10 | 228  | 150407   | 10.21  | ng    | 98       |
| 82) Chrysene                | 14.14 | 228  | 121271   | 7.82   | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene  | 17.16 | 276  | 50579    | 4.10   | ng    | 92       |
| 87) Benzo(b)fluoranthene    | 15.27 | 252  | 121533m  | 8.56   | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.29 | 252  | 43074m   | 3.61   | ng    |          |
| 89) Benzo(a)pyrene          | 15.64 | 252  | 93230m   | 7.64   | ng    |          |
| 91) Benzo(a,h,i)perylene    | 17.59 | 276  | 53148    | 5.47   | ng    | 99       |

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

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