

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF070815\  
 Data File : BF080397.D  
 Acq On : 8 Jul 2015 19:50  
 Operator : TP/UM  
 Sample : G2866-10  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-04-6.5-7.0-070115

Manual Integrations  
 APPROVED

apatel  
 7/9/2015 2:19:49 PM

Quant Time: Jul 09 03:28:32 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF070615.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 09 00:53:49 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.21  | 152  | 42589    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8             | 8.51  | 136  | 117739   | 20.00  | ng    | 0.01     |
| 38) Acenaphthene-d10           | 10.32 | 164  | 76249    | 20.00  | ng    | 0.05     |
| 63) Phenanthrene-d10           | 11.81 | 188  | 77253    | 20.00  | ng    | 0.03     |
| 75) Chrysene-d12               | 14.68 | 240  | 163702   | 20.00  | ng    | -0.16    |
| 86) Perylene-d12               | 16.48 | 264  | 171566   | 20.00  | ng    | -0.29    |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.81  | 112  | 249599   | 107.34 | ng    | 0.00     |
| 7) Phenol-d6                   | 6.82  | 99   | 339817   | 110.24 | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 7.77  | 82   | 275721   | 136.59 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol       | 11.12 | 330  | 65616    | 82.24  | ng    | 0.06     |
| 44) 2-Fluorobiphenyl           | 9.61  | 172  | 233207   | 41.28  | ng    | 0.03     |
| 78) Terphenyl-d14              | 13.46 | 244  | 368846   | 52.56  | ng    | -0.06    |
| Target Compounds               |       |      |          |        |       |          |
| 31) Naphthalene                | 8.50  | 128  | 274557   | 45.46  | ng    | # 1      |
| 37) 2-Methylnaphthalene        | 9.36  | 142  | 1884612  | 489.47 | ng    | # 86     |
| 57) Fluorene                   | 10.88 | 166  | 520845   | 82.74  | ng    | # 77     |
| 70) Phenanthrene               | 11.85 | 178  | 1879696  | 405.67 | ng    | # 94     |
| 74) Fluoranthene               | 13.09 | 202  | 649357   | 130.42 | ng    | 97       |
| 77) Pyrene                     | 13.32 | 202  | 633364   | 63.97  | ng    | 96       |
| 80) Benzo(a)anthracene         | 14.67 | 228  | 274973   | 27.87  | ng    | 97       |
| 82) Chrysene                   | 14.72 | 228  | 175994   | 19.07  | ng    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 14.65 | 149  | 24821    | 4.12   | ng    | # 93     |
| 85) Indeno(1,2,3-cd)pyrene     | 18.23 | 276  | 44919    | 4.14   | ng    | 96       |
| 87) Benzo(b)fluoranthene       | 15.97 | 252  | 157995m  | 14.65  | ng    |          |
| 88) Benzo(k)fluoranthene       | 15.99 | 252  | 79140m   | 7.75   | ng    |          |
| 89) Benzo(a)pyrene             | 16.41 | 252  | 121756   | 12.35  | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 18.75 | 276  | 42919    | 4.36   | ng    | 97       |

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

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