

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\  
 Data File : BF087998.D  
 Acq On : 14 Jun 2016 9:44  
 Operator : UM/SJ  
 Sample : H3395-10DL 2X  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 STA-942-PLATFORM(0-4)DL

Manual Integrations  
 APPROVED

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 6/14/2016 7:49:04 PM

Quant Time: Jun 14 19:32:50 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 13 14:10:49 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.80  | 152  | 128536   | 20.00 | ng    | 0.01      |
| 21) Naphthalene-d8          | 8.08  | 136  | 479992   | 20.00 | ng    | 0.00      |
| 38) Acenaphthene-d10        | 9.84  | 164  | 224260   | 20.00 | ng    | 0.00      |
| 63) Phenanthrene-d10        | 11.32 | 188  | 332913   | 20.00 | ng    | 0.01      |
| 75) Chrysene-d12            | 13.95 | 240  | 219712   | 20.00 | ng    | 0.00      |
| 86) Perylene-d12            | 15.37 | 264  | 226119   | 20.00 | ng    | 0.01      |
| System Monitoring Compounds |       |      |          |       |       |           |
| 5) 2-Fluorophenol           | 5.38  | 112  | 287714   | 38.27 | ng    | 0.00      |
| 7) Phenol-d6                | 6.43  | 99   | 402948   | 44.22 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.36  | 82   | 230340   | 28.02 | ng    | 0.00      |
| 41) 2,4,6-Tribromophenol    | 10.63 | 330  | 62225    | 26.28 | ng    | 0.00      |
| 44) 2-Fluorobiphenyl        | 9.16  | 172  | 365579   | 21.47 | ng    | 0.00      |
| 78) Terphenyl-d14           | 12.90 | 244  | 197426   | 20.45 | ng    | 0.00      |
| Target Compounds            |       |      |          |       |       |           |
| 48) Acenaphthylene          | 9.70  | 152  | 199079   | 8.62  | ng    | Qvalue 98 |
| 49) Dimethylphthalate       | 9.55  | 163  | 46942    | 2.89  | ng    | 99        |
| 70) Phenanthrene            | 11.35 | 178  | 173680   | 9.94  | ng    | 97        |
| 71) Anthracene              | 11.39 | 178  | 169413   | 9.61  | ng    | 98        |
| 72) Carbazole               | 11.55 | 167  | 47286    | 2.87  | ng    | 97        |
| 74) Fluoranthene            | 12.54 | 202  | 809546   | 43.91 | ng    | 97        |
| 77) Pyrene                  | 12.76 | 202  | 777142   | 47.67 | ng    | 100       |
| 80) Benzo(a)anthracene      | 13.94 | 228  | 519225   | 41.47 | ng    | # 86      |
| 82) Chrysene                | 13.99 | 228  | 397364m  | 33.73 | ng    |           |
| 85) Indeno(1,2,3-cd)pyrene  | 16.73 | 276  | 215773   | 19.72 | ng    | # 100     |
| 87) Benzo(b)fluoranthene    | 14.97 | 252  | 590573m  | 37.47 | ng    |           |
| 88) Benzo(k)fluoranthene    | 14.98 | 252  | 276201m  | 23.23 | ng    |           |
| 89) Benzo(a)pyrene          | 15.31 | 252  | 352553   | 27.65 | ng    | 97        |
| 90) Dibenzo(a,h)anthracene  | 16.74 | 278  | 64962    | 5.49  | ng    | 93        |
| 91) Benzo(a,h,i)perylene    | 17.14 | 276  | 180584   | 14.82 | ng    | 99        |

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

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