

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\  
 Data File : BF103284.D  
 Acq On : 28 Feb 2018 1:35  
 Operator : SJ/JU  
 Sample : J1704-01 5X  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RO-347-CONCRETE

Manual Integrations  
 APPROVED

Sohil  
 2/28/2018 11:18:10 AM

Quant Time: Feb 28 04:12:26 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 27 17:05:20 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.87  | 152  | 146969   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.16  | 136  | 592708   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.91  | 164  | 232583   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.40 | 188  | 327994   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 14.06 | 240  | 243694   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.56 | 264  | 187424   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.49  | 112  | 245206   | 25.23  | ng    | 0.00     |
| 7) Phenol-d6                | 6.50  | 99   | 339501   | 28.55  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.43  | 82   | 212080   | 20.43  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.71 | 330  | 27249    | 13.84  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.23  | 172  | 342104   | 19.86  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.99 | 244  | 209687   | 20.68  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 70) Phenanthrene            | 11.43 | 178  | 207683   | 11.506 | ng    | 98       |
| 71) Anthracene              | 11.48 | 178  | 41991    | 2.269  | ng    | 98       |
| 74) Fluoranthene            | 12.62 | 202  | 258663   | 14.260 | ng    | 98       |
| 77) Pyrene                  | 12.85 | 202  | 225233   | 11.854 | ng    | 100      |
| 80) Benzo(a)anthracene      | 14.05 | 228  | 105648m  | 6.682  | ng    |          |
| 82) Chrysene                | 14.08 | 228  | 119299m  | 7.770  | ng    |          |
| 85) Indeno(1,2,3-cd)pyrene  | 17.08 | 276  | 36067    | 2.967  | ng    | 99       |
| 87) Benzo(b)fluoranthene    | 15.12 | 252  | 103265m  | 8.380  | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.14 | 252  | 40792m   | 3.515  | ng    |          |
| 89) Benzo(a)pyrene          | 15.50 | 252  | 66089    | 6.006  | ng    | # 95     |
| 91) Benzo(a,h,i)perylene    | 17.54 | 276  | 34072    | 4.100  | ng    | # 91     |

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

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