

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\  
 Data File : BF103230.D  
 Acq On : 26 Feb 2018 21:04  
 Operator : SJ/JU  
 Sample : J1691-41 2X  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B11

Manual Integrations  
 APPROVED

Sohil  
 2/27/2018 12:23:04 PM

Quant Time: Feb 27 00:58:12 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 23 02:43:46 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc    | Units | Dev(Min)   |
|-----------------------------|-------|------|----------|---------|-------|------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.87  | 152  | 166606   | 20.00   | ng    | 0.00       |
| 21) Naphthalene-d8          | 8.16  | 136  | 683555   | 20.00   | ng    | 0.00       |
| 38) Acenaphthene-d10        | 9.92  | 164  | 279158   | 20.00   | ng    | 0.00       |
| 63) Phenanthrene-d10        | 11.40 | 188  | 413821   | 20.00   | ng    | 0.00       |
| 75) Chrysene-d12            | 14.07 | 240  | 210591   | 20.00   | ng    | 0.02       |
| 86) Perylene-d12            | 15.57 | 264  | 194794   | 20.00   | ng    | 0.04       |
| System Monitoring Compounds |       |      |          |         |       |            |
| 5) 2-Fluorophenol           | 5.49  | 112  | 487451   | 44.25   | ng    | 0.00       |
| 7) Phenol-d6                | 6.50  | 99   | 587332   | 43.57   | ng    | 0.00       |
| 23) Nitrobenzene-d5         | 7.43  | 82   | 347588   | 29.04   | ng    | 0.00       |
| 41) 2,4,6-Tribromophenol    | 10.70 | 330  | 86490    | 36.60   | ng    | 0.00       |
| 44) 2-Fluorobiphenyl        | 9.23  | 172  | 558068   | 28.53   | ng    | 0.00       |
| 78) Terphenyl-d14           | 12.99 | 244  | 378326   | 43.19   | ng    | 0.00       |
| Target Compounds            |       |      |          |         |       |            |
| 48) Acenaphthylene          | 9.77  | 152  | 588838   | 20.680  | ng    | Qvalue 100 |
| 49) Dimethylphthalate       | 9.62  | 163  | 109356   | 4.883   | ng    | 99         |
| 51) Acenaphthene            | 9.95  | 154  | 44405    | 2.674   | ng    | 97         |
| 54) Dibenzofuran            | 10.12 | 168  | 47979    | 2.105   | ng    | # 95       |
| 57) Fluorene                | 10.46 | 166  | 142134   | 7.320   | ng    | 99         |
| 70) Phenanthrene            | 11.43 | 178  | 1512728  | 66.424  | ng    | 100        |
| 71) Anthracene              | 11.48 | 178  | 557479   | 23.872  | ng    | 99         |
| 72) Carbazole               | 11.64 | 167  | 87819    | 3.776   | ng    | 100        |
| 74) Fluoranthene            | 12.64 | 202  | 2734390  | 119.483 | ng    | 100        |
| 77) Pyrene                  | 12.87 | 202  | 2514470  | 153.144 | ng    | 99         |
| 80) Benzo(a)anthracene      | 14.06 | 228  | 1488480  | 108.935 | ng    | 93         |
| 82) Chrysene                | 14.10 | 228  | 1329601  | 100.216 | ng    | 98         |
| 85) Indeno(1,2,3-cd)pyrene  | 17.12 | 276  | 717550   | 68.316  | ng    | 94         |
| 87) Benzo(b)fluoranthene    | 15.14 | 252  | 1583479m | 123.637 | ng    |            |
| 88) Benzo(k)fluoranthene    | 15.16 | 252  | 539619m  | 44.743  | ng    |            |
| 89) Benzo(a)pyrene          | 15.52 | 252  | 1086289  | 94.979  | ng    | 95         |
| 90) Dibenzo(a,h)anthracene  | 17.12 | 278  | 189029   | 21.389  | ng    | # 75       |
| 91) Benzo(g,h,i)perylene    | 17.59 | 276  | 691451   | 80.053  | ng    | 98         |

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

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