

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041118\  
 Data File : BF104442.D  
 Acq On : 11 Apr 2018 17:02  
 Operator : JU/SJ  
 Sample : J2324-01  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 329-343

Manual Integrations  
 APPROVED

Sohil  
 4/12/2018 2:30:45 PM

Quant Time: Apr 11 18:49:55 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 11 13:19:22 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.81  | 152  | 117836   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8             | 8.09  | 136  | 455392   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10           | 9.85  | 164  | 188681   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10           | 11.33 | 188  | 300313   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12               | 13.98 | 240  | 245377   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12               | 15.44 | 264  | 203725   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.42  | 112  | 392384   | 50.92  | ng    | 0.01     |
| 7) Phenol-d6                   | 6.43  | 99   | 641992   | 67.80  | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 7.37  | 82   | 419888   | 60.21  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol       | 10.63 | 330  | 39130    | 19.99  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl           | 9.17  | 172  | 744129   | 62.30  | ng    | 0.00     |
| 78) Terphenyl-d14              | 12.93 | 244  | 609571   | 56.64  | ng    | 0.00     |
| Target Compounds               |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate          | 9.56  | 163  | 41474    | 2.787  | ng    | 98       |
| 70) Phenanthrene               | 11.36 | 178  | 156301   | 9.346  | ng    | 99       |
| 71) Anthracene                 | 11.41 | 178  | 39281    | 2.311  | ng    | 98       |
| 74) Fluoranthene               | 12.55 | 202  | 238403   | 13.644 | ng    | 96       |
| 77) Pyrene                     | 12.78 | 202  | 237020   | 13.032 | ng    | 99       |
| 80) Benzo(a)anthracene         | 13.97 | 228  | 121957   | 8.320  | ng    | 98       |
| 82) Chrysene                   | 14.00 | 228  | 110961   | 7.369  | ng    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 13.96 | 149  | 25274    | 2.293  | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.89 | 276  | 42544    | 3.326  | ng    | # 92     |
| 87) Benzo(b)fluoranthene       | 15.02 | 252  | 117276m  | 9.115  | ng    |          |
| 88) Benzo(k)fluoranthene       | 15.04 | 252  | 32603m   | 2.684  | ng    |          |
| 89) Benzo(a)pyrene             | 15.38 | 252  | 75649    | 6.571  | ng    | 96       |
| 91) Benzo(a,h,i)perylene       | 17.32 | 276  | 39347    | 4.295  | ng    | 97       |

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

