

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\  
 Data File : BF101323.D  
 Acq On : 12 Dec 2017 9:10  
 Operator : SJ/JU  
 Sample : I6764-01DL 4X  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MAP-8-E(0-1)DL

Manual Integrations  
 APPROVED

Sohil  
 12/12/2017 3:59:45 PM

Quant Time: Dec 12 10:10:41 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 08 18:17:31 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.83  | 152  | 38594    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.11  | 136  | 142746   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.87  | 164  | 58877    | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.36 | 188  | 106161   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 14.02 | 240  | 83911    | 20.00  | ng    | 0.01     |
| 86) Perylene-d12            | 15.50 | 264  | 67933    | 20.00  | ng    | 0.03     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.45  | 112  | 61510    | 26.34  | ng    | 0.00     |
| 7) Phenol-d6                | 6.46  | 99   | 76689    | 27.04  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.39  | 82   | 40711    | 17.01  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.66 | 330  | 14679    | 20.75  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.19  | 172  | 97069    | 22.56  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.95 | 244  | 81495    | 21.24  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 48) Acenaphthylene          | 9.73  | 152  | 23619    | 3.752  | ng    | 96       |
| 70) Phenanthrene            | 11.39 | 178  | 75689    | 12.947 | ng    | 98       |
| 71) Anthracene              | 11.44 | 178  | 50476    | 8.531  | ng    | 97       |
| 74) Fluoranthene            | 12.59 | 202  | 225148   | 34.743 | ng    | 91       |
| 77) Pyrene                  | 12.82 | 202  | 265292   | 45.818 | ng    | 99       |
| 80) Benzo(a)anthracene      | 14.00 | 228  | 147197   | 27.783 | ng    | 97       |
| 82) Chrysene                | 14.04 | 228  | 131206   | 26.666 | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.99 | 276  | 63255    | 14.460 | ng    | # 90     |
| 87) Benzo(b)fluoranthene    | 15.06 | 252  | 146322m  | 35.960 | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.09 | 252  | 53582m   | 13.366 | ng    |          |
| 89) Benzo(a)pyrene          | 15.43 | 252  | 113915   | 30.794 | ng    | 96       |
| 90) Dibenzo(a,h)anthracene  | 16.99 | 278  | 17796m   | 5.457  | ng    |          |
| 91) Benzo(a,h,i)perylene    | 17.44 | 276  | 64369    | 20.944 | ng    | # 92     |

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

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