

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\  
 Data File : BF097742.D  
 Acq On : 16 Aug 2017 16:47  
 Operator : SJ/JU  
 Sample : I4739-01 5X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S11-WC-1

Manual Integrations  
 APPROVED

Sohil  
 8/17/2017 5:57:36 PM

Quant Time: Aug 17 14:03:46 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 15 13:25:08 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.77  | 152  | 137916   | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.06  | 136  | 549528   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.82  | 164  | 240799   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.30 | 188  | 429843   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.93 | 240  | 250364   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.36 | 264  | 241908   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.37  | 112  | 193176   | 21.31  | ng    | -0.01    |
| 7) Phenol-d6                | 6.39  | 99   | 261065   | 21.19  | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.33  | 82   | 159303   | 15.75  | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 10.60 | 330  | 43868    | 21.00  | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 9.13  | 172  | 260707   | 15.91  | ng    | -0.01    |
| 78) Terphenyl-d14           | 12.88 | 244  | 175088   | 14.58  | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       |          |
| 51) Acenaphthene            | 9.85  | 154  | 33041    | 2.056  | ng    | 95       |
| 70) Phenanthrene            | 11.32 | 178  | 679728   | 29.676 | ng    | 99       |
| 71) Anthracene              | 11.37 | 178  | 149228   | 6.423  | ng    | 99       |
| 72) Carbazole               | 11.52 | 167  | 50828    | 2.305  | ng    | 99       |
| 74) Fluoranthene            | 12.51 | 202  | 1031634  | 43.151 | ng    | 98       |
| 77) Pyrene                  | 12.74 | 202  | 1054760  | 51.510 | ng    | 99       |
| 80) Benzo(a)anthracene      | 13.92 | 228  | 443110   | 29.530 | ng    | 98       |
| 82) Chrysene                | 13.96 | 228  | 388852   | 26.050 | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.76 | 276  | 269168m  | 24.513 | ng    |          |
| 87) Benzo(b)fluoranthene    | 14.96 | 252  | 493792m  | 32.384 | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.98 | 252  | 177383m  | 12.382 | ng    |          |
| 89) Benzo(a)pyrene          | 15.30 | 252  | 394618   | 29.233 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene  | 16.76 | 278  | 61026m   | 5.553  | ng    |          |
| 91) Benzo(a,h,i)perylene    | 17.18 | 276  | 261940   | 22.843 | ng    | # 91     |

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\  
Data File : BF097742.D  
Acq On : 16 Aug 2017 16:47  
Operator : SJ/JU  
Sample : I4739-01 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
S11-WC-1

Manual Integrations  
APPROVED

Sohil  
8/17/2017 5:57:36 PM

Quant Time: Aug 17 14:03:46 2017  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Aug 15 13:25:08 2017  
Response via : Initial Calibration

