

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF062717\  
 Data File : BF096220.D  
 Acq On : 27 Jun 2017 17:07  
 Operator : SJ/MA  
 Sample : I3872-07DL 10X  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HR-05-062217-CDL

Manual Integrations  
 APPROVED

mohammad  
 6/30/2017 12:46:23 PM

Quant Time: Jun 27 17:46:25 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\Methods\8270-BF062717.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 27 15:17:15 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.78  | 152  | 223939   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.06  | 136  | 939096   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.81  | 164  | 390204   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.29 | 188  | 565162   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.92 | 240  | 385017   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.34 | 264  | 381815   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.38  | 112  | 31658    | 2.04   | ng    | 0.00     |
| 7) Phenol-d6                | 6.39  | 99   | 39782    | 2.11   | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.33  | 82   | 20287    | 1.50   | ng    | -0.03    |
| 41) 2,4,6-Tribromophenol    | 10.59 | 330  | 5208     | 1.70   | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.13  | 172  | 41176    | 1.93   | ng    | -0.02    |
| 78) Terphenyl-d14           | 12.87 | 244  | 24915    | 1.61   | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 8.08  | 128  | 887254   | 19.603 | ng    | 99       |
| 37) 2-Methylnaphthalene     | 8.77  | 142  | 197815   | 6.728  | ng    | 98       |
| 51) Acenaphthene            | 9.85  | 154  | 192621   | 7.942  | ng    | 99       |
| 54) Dibenzofuran            | 10.02 | 168  | 249694   | 7.885  | ng    | 97       |
| 57) Fluorene                | 10.36 | 166  | 297675   | 13.650 | ng    | 99       |
| 70) Phenanthrene            | 11.32 | 178  | 1195659  | 41.606 | ng    | 99       |
| 71) Anthracene              | 11.36 | 178  | 435255   | 13.781 | ng    | 97       |
| 72) Carbazole               | 11.51 | 167  | 169544   | 4.863  | ng    | 96       |
| 74) Fluoranthene            | 12.50 | 202  | 878848   | 27.994 | ng    | 96       |
| 77) Pyrene                  | 12.73 | 202  | 726597   | 22.963 | ng    | 99       |
| 80) Benzo(a)anthracene      | 13.91 | 228  | 327265   | 13.944 | ng    | 99       |
| 82) Chrysene                | 13.94 | 228  | 282153   | 11.624 | ng    | 96       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.73 | 276  | 122707   | 6.090  | ng    | 98       |
| 87) Benzo(b)fluoranthene    | 14.93 | 252  | 343851m  | 13.709 | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.96 | 252  | 127916m  | 5.586  | ng    |          |
| 89) Benzo(a)pyrene          | 15.28 | 252  | 258893   | 11.686 | ng    | # 92     |
| 91) Benzo(g,h,i)perylene    | 17.14 | 276  | 104603   | 5.801  | ng    | 96       |

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

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF062717\  
Data File : BF096220.D  
Acq On : 27 Jun 2017 17:07  
Operator : SJ/MA  
Sample : I3872-07DL 10X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
HR-05-062217-CDL

Manual Integrations  
APPROVED

mohammad  
6/30/2017 12:46:23 PM

Quant Time: Jun 27 17:46:25 2017  
Quant Method : Z:\HPCHEM1\BNA\_F\Methods\8270-BF062717.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jun 27 15:17:15 2017  
Response via : Initial Calibration

