

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF061615\  
 Data File : BF080013.D  
 Acq On : 17 Jun 2015 5:00  
 Operator : TP/IZ  
 Sample : G2649-09  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AST-HC-001

Manual Integrations  
 APPROVED

apatel  
 6/17/2015 5:12:59 PM

Quant Time: Jun 17 06:12:57 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF061115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 15 15:44:31 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.35  | 152  | 44981    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8             | 8.64  | 136  | 178187   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10           | 10.41 | 164  | 88972    | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10           | 11.92 | 188  | 194609   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12               | 14.93 | 240  | 207129   | 20.00  | ng    | 0.02     |
| 86) Perylene-d12               | 16.85 | 264  | 213948   | 20.00  | ng    | 0.05     |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.96  | 112  | 308371   | 125.71 | ng    | 0.00     |
| 7) Phenol-d6                   | 6.95  | 99   | 431577   | 129.13 | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 7.91  | 82   | 236373   | 87.52  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol       | 11.21 | 330  | 104450   | 116.87 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl           | 9.72  | 172  | 515631   | 81.15  | ng    | 0.00     |
| 78) Terphenyl-d14              | 13.64 | 244  | 650879   | 72.45  | ng    | 0.01     |
| Target Compounds               |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate          | 10.10 | 163  | 60586    | 8.50   | ng    | 98       |
| 70) Phenanthrene               | 11.94 | 178  | 108691   | 9.37   | ng    | 99       |
| 71) Anthracene                 | 12.00 | 178  | 37238    | 3.32   | ng    | 99       |
| 74) Fluoranthene               | 13.23 | 202  | 209220   | 16.32  | ng    | 96       |
| 77) Pyrene                     | 13.49 | 202  | 240885   | 18.52  | ng    | 98       |
| 80) Benzo(a)anthracene         | 14.92 | 228  | 133390   | 10.14  | ng    | 97       |
| 82) Chrysene                   | 14.96 | 228  | 106732   | 8.18   | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 14.89 | 149  | 18000    | 2.56   | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 18.72 | 276  | 57068    | 4.14   | ng    | # 93     |
| 87) Benzo(b)fluoranthene       | 16.30 | 252  | 136223m  | 10.39  | ng    |          |
| 88) Benzo(k)fluoranthene       | 16.33 | 252  | 41968m   | 3.14   | ng    |          |
| 89) Benzo(a)pyrene             | 16.77 | 252  | 97752m   | 7.84   | ng    |          |
| 91) Benzo(g,h,i)perylene       | 19.29 | 276  | 60406    | 4.76   | ng    | 97       |

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

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF061615\  
Data File : BF080013.D  
Acq On : 17 Jun 2015 5:00  
Operator : TP/IZ  
Sample : G2649-09  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AST-HC-001

Manual Integrations  
APPROVED

apatel  
6/17/2015 5:12:59 PM

Quant Time: Jun 17 06:12:57 2015  
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF061115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 15 15:44:31 2015  
Response via : Initial Calibration

