

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF091515\  
 Data File : BF081634.D  
 Acq On : 15 Sep 2015 17:51  
 Operator : UM/IZ  
 Sample : G3543-01RE  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 670UNDERCLIFF-1RE

Manual Integrations  
 APPROVED

MMDadoda  
 9/16/2015 1:23:53 PM

Quant Time: Sep 16 01:11:48 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF090115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 15 14:03:59 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 8.21  | 152  | 57180    | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8             | 11.11 | 136  | 229284   | 20.00  | ng    | -0.01    |
| 38) Acenaphthene-d10           | 15.25 | 164  | 103244   | 20.00  | ng    | -0.01    |
| 63) Phenanthrene-d10           | 18.76 | 188  | 187943   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12               | 23.38 | 240  | 120853   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12               | 24.81 | 264  | 97003    | 20.00  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.36  | 112  | 345458   | 93.74  | ng    | 0.01     |
| 7) Phenol-d6                   | 7.63  | 99   | 510162   | 104.58 | ng    | -0.01    |
| 23) Nitrobenzene-d5            | 9.51  | 82   | 340199   | 71.59  | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol       | 17.16 | 330  | 95810    | 104.22 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl           | 13.76 | 172  | 603076   | 74.85  | ng    | -0.01    |
| 78) Terphenyl-d14              | 22.12 | 244  | 442813   | 85.29  | ng    | 0.00     |
| Target Compounds               |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate          | 14.81 | 163  | 118520   | 14.78  | ng    | # 96     |
| 70) Phenanthrene               | 18.80 | 178  | 50184    | 4.80   | ng    | 97       |
| 74) Fluoranthene               | 21.43 | 202  | 112037   | 9.91   | ng    | 87       |
| 77) Pyrene                     | 21.77 | 202  | 97850    | 10.93  | ng    | 98       |
| 80) Benzo(a)anthracene         | 23.37 | 228  | 43472    | 5.65   | ng    | 95       |
| 82) Chrysene                   | 23.41 | 228  | 45482    | 6.59   | ng    | 92       |
| 83) Bis(2-ethylhexyl)phthalate | 23.49 | 149  | 19952    | 3.88   | ng    | # 86     |
| 85) Indeno(1,2,3-cd)pyrene     | 25.87 | 276  | 21393    | 4.23   | ng    | # 80     |
| 87) Benzo(b)fluoranthene       | 24.48 | 252  | 64762m   | 9.35   | ng    |          |
| 88) Benzo(k)fluoranthene       | 24.49 | 252  | 12454m   | 2.17   | ng    |          |
| 89) Benzo(a)pyrene             | 24.77 | 252  | 38046    | 6.48   | ng    | # 86     |
| 91) Benzo(g,h,i)perylene       | 26.17 | 276  | 17798    | 4.11   | ng    | # 72     |

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

