

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\  
 Data File : BF087978.D  
 Acq On : 13 Jun 2016 12:42  
 Operator : UM/SJ  
 Sample : H3438-06  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-09-COMP

Manual Integrations  
 APPROVED

sohil  
 6/14/2016 7:46:18 PM

Quant Time: Jun 13 14:41:17 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 13 14:10:49 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.79  | 152  | 119332   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.08  | 136  | 511704   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.84  | 164  | 233950   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.31 | 188  | 419532   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.94 | 240  | 269171   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 15.36 | 264  | 257793   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.38  | 112  | 713965   | 102.28 | ng    | 0.00     |
| 7) Phenol-d6                | 6.43  | 99   | 951490   | 112.47 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.36  | 82   | 554776   | 63.31  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.63 | 330  | 214195   | 86.71  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.16  | 172  | 1027698  | 67.89  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.90 | 244  | 698502   | 59.05  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate       | 9.55  | 163  | 250309   | 14.77  | ng    | 100      |
| 70) Phenanthrene            | 11.34 | 178  | 266068   | 12.09  | ng    | 99       |
| 71) Anthracene              | 11.38 | 178  | 53971    | 2.43   | ng    | 99       |
| 74) Fluoranthene            | 12.53 | 202  | 378082   | 16.27  | ng    | 96       |
| 77) Pyrene                  | 12.75 | 202  | 306376   | 15.34  | ng    | 98       |
| 80) Benzo(a)anthracene      | 13.93 | 228  | 145912   | 9.51   | ng    | 99       |
| 82) Chrysene                | 13.97 | 228  | 110347   | 7.65   | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.71 | 276  | 68594    | 5.12   | ng    | # 100    |
| 87) Benzo(b)fluoranthene    | 14.96 | 252  | 154988m  | 8.63   | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.98 | 252  | 50665m   | 3.74   | ng    |          |
| 89) Benzo(a)pyrene          | 15.29 | 252  | 100916   | 6.94   | ng    | 96       |
| 91) Benzo(a,h,i)perylene    | 17.12 | 276  | 63684    | 4.59   | ng    | 96       |

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

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