

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\  
 Data File : BF090156.D  
 Acq On : 21 Sep 2016 12:38  
 Operator : UM/SJ  
 Sample : H4850-02DL 10X  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FHSW-01-EASTSIDEWALLDL

Quant Time: Sep 21 13:58:46 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 20 17:58:29 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.50  | 152  | 42753    | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8             | 7.79  | 136  | 175945   | 20.00  | ng    | -0.02    |
| 38) Acenaphthene-d10           | 9.53  | 164  | 83873    | 20.00  | ng    | -0.02    |
| 63) Phenanthrene-d10           | 11.00 | 188  | 130402   | 20.00  | ng    | -0.02    |
| 75) Chrysene-d12               | 13.61 | 240  | 95671    | 20.00  | ng    | -0.02    |
| 86) Perylene-d12               | 14.94 | 264  | 93272    | 20.00  | ng    | -0.02    |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.05  | 112  | 106994   | 40.79  | ng    | -0.02    |
| 7) Phenol-d6                   | 6.15  | 99   | 161156   | 49.75  | ng    | -0.02    |
| 23) Nitrobenzene-d5            | 7.07  | 82   | 81604    | 26.89  | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol       | 10.32 | 330  | 29107    | 40.45  | ng    | -0.02    |
| 44) 2-Fluorobiphenyl           | 8.87  | 172  | 158250   | 37.04  | ng    | -0.02    |
| 78) Terphenyl-d14              | 12.58 | 244  | 140176   | 37.20  | ng    | -0.02    |
| Target Compounds               |       |      |          |        |       | Qvalue   |
| 31) Naphthalene                | 7.82  | 128  | 18783    | 2.24   | ng    | 97       |
| 48) Acenaphthylene             | 9.39  | 152  | 45552    | 6.34   | ng    | 98       |
| 49) Dimethylphthalate          | 9.27  | 163  | 51039    | 9.55   | ng    | 98       |
| 57) Fluorene                   | 10.08 | 166  | 11282    | 2.67   | ng    | # 96     |
| 70) Phenanthrene               | 11.03 | 178  | 359073   | 58.88  | ng    | 98       |
| 71) Anthracene                 | 11.07 | 178  | 56815    | 8.88   | ng    | 98       |
| 72) Carbazole                  | 11.24 | 167  | 13685    | 2.02   | ng    | 98       |
| 73) Di-n-butylphthalate        | 11.59 | 149  | 52774    | 6.71   | ng    | 98       |
| 74) Fluoranthene               | 12.21 | 202  | 731819   | 111.79 | ng    | 94       |
| 77) Pyrene                     | 12.42 | 202  | 630462   | 96.30  | ng    | 98       |
| 80) Benzo(a)anthracene         | 13.60 | 228  | 201281m  | 39.11  | ng    |          |
| 82) Chrysene                   | 13.63 | 228  | 240581m  | 47.98  | ng    |          |
| 83) Bis(2-ethylhexyl)phthalate | 13.63 | 149  | 16119    | 3.93   | ng    | # 96     |
| 85) Indeno(1,2,3-cd)pyrene     | 16.09 | 276  | 165115   | 40.73  | ng    | 93       |
| 87) Benzo(b)fluoranthene       | 14.59 | 252  | 275728m  | 53.39  | ng    |          |
| 88) Benzo(k)fluoranthene       | 14.61 | 252  | 97331m   | 20.08  | ng    |          |
| 89) Benzo(a)pyrene             | 14.88 | 252  | 203480   | 41.88  | ng    | # 90     |
| 90) Dibenzo(a,h)anthracene     | 16.09 | 278  | 34419    | 9.08   | ng    | # 73     |
| 91) Benzo(a,h,i)perylene       | 16.43 | 276  | 173185   | 46.67  | ng    | 95       |

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

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