

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\  
 Data File : BF089896.D  
 Acq On : 25 Aug 2016 2:26  
 Operator : UM/SJ  
 Sample : H4576-04  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-19A-(14.8-15)

Quant Time: Aug 25 17:02:33 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 19 14:02:57 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.66  | 152  | 416428   | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8          | 7.95  | 136  | 1522265  | 20.00  | ng    | -0.02    |
| 38) Acenaphthene-d10        | 9.71  | 164  | 591493   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.20 | 188  | 1089114  | 20.00  | ng    | 0.01     |
| 75) Chrysene-d12            | 13.86 | 240  | 777803   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 15.33 | 264  | 790674   | 20.00  | ng    | -0.05    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.24  | 112  | 2949488  | 121.46 | ng    | -0.01    |
| 7) Phenol-d6                | 6.31  | 99   | 3368498  | 113.00 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.23  | 82   | 1900572  | 77.56  | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 10.51 | 330  | 610983   | 108.69 | ng    | 0.01     |
| 44) 2-Fluorobiphenyl        | 9.04  | 172  | 2772058  | 82.37  | ng    | -0.01    |
| 78) Terphenyl-d14           | 12.79 | 244  | 1819353  | 52.92  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.32  | 94   | 90153    | 2.58   | ng    | # 75     |
| 45) 1,1'-Biphenyl           | 9.14  | 154  | 340048   | 7.43   | ng    | 96       |
| 49) Dimethylphthalate       | 9.44  | 163  | 624839   | 15.00  | ng    | # 67     |
| 51) Acenaphthene            | 9.75  | 154  | 389655   | 10.83  | ng    | 94       |
| 54) Dibenzofuran            | 9.92  | 168  | 315358   | 6.98   | ng    | # 93     |
| 57) Fluorene                | 10.26 | 166  | 849541   | 23.59  | ng    | # 74     |
| 70) Phenanthrene            | 11.22 | 178  | 2114403  | 38.44  | ng    | # 95     |
| 71) Anthracene              | 11.27 | 178  | 901212   | 16.12  | ng    | # 55     |
| 74) Fluoranthene            | 12.41 | 202  | 390689   | 7.47   | ng    | 74       |
| 77) Pyrene                  | 12.64 | 202  | 3094851  | 48.86  | ng    | # 96     |
| 91) Benzo(a,h,i)perylene    | 17.03 | 276  | 284209   | 6.04   | ng    | # 79     |

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

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