

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF091115\  
 Data File : BF081600.D  
 Acq On : 12 Sep 2015 00:51  
 Operator : UM/IZ  
 Sample : G3526-19  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-19(0-0.16)

Quant Time: Sep 14 07:35:56 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF090115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 11 23:14:51 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.25  | 152  | 62253    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.14 | 136  | 248869   | 20.00  | ng    | -0.01    |
| 38) Acenaphthene-d10        | 15.28 | 164  | 111909   | 20.00  | ng    | -0.01    |
| 63) Phenanthrene-d10        | 18.79 | 188  | 187361   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 23.41 | 240  | 123852   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 24.84 | 264  | 111683   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.42  | 112  | 407135   | 101.47 | ng    | 0.02     |
| 7) Phenol-d6                | 7.68  | 99   | 581296   | 109.45 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.54  | 82   | 384256   | 74.49  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 17.19 | 330  | 94108    | 94.44  | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 13.80 | 172  | 610676   | 69.93  | ng    | -0.01    |
| 78) Terphenyl-d14           | 22.13 | 244  | 364566   | 68.52  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 11.19 | 128  | 44218    | 3.33   | ng    | 99       |
| 37) 2-Methylnaphthalene     | 12.85 | 142  | 17482    | 2.02   | ng    | # 89     |
| 49) Dimethylphthalate       | 14.85 | 163  | 137269   | 15.79  | ng    | # 97     |
| 51) Acenaphthene            | 15.35 | 154  | 53569    | 7.14   | ng    | 89       |
| 54) Dibenzofuran            | 15.77 | 168  | 50928    | 4.65   | ng    | # 83     |
| 57) Fluorene                | 16.58 | 166  | 62902    | 7.56   | ng    | 94       |
| 70) Phenanthrene            | 18.86 | 178  | 882229   | 84.70  | ng    | 97       |
| 71) Anthracene              | 18.96 | 178  | 165518   | 15.47  | ng    | 98       |
| 72) Carbazole               | 19.44 | 167  | 55625    | 5.54   | ng    | 98       |
| 74) Fluoranthene            | 21.46 | 202  | 696768   | 61.79  | ng    | 90       |
| 77) Pyrene                  | 21.81 | 202  | 726016   | 79.14  | ng    | # 93     |
| 80) Benzo(a)anthracene      | 23.40 | 228  | 363437   | 46.08  | ng    | 95       |
| 82) Chrysene                | 23.44 | 228  | 305442   | 43.20  | ng    | 93       |
| 85) Indeno(1,2,3-cd)pyrene  | 25.90 | 276  | 127392   | 24.56  | ng    | # 79     |
| 87) Benzo(b)fluoranthene    | 24.50 | 252  | 376362m  | 47.20  | ng    |          |
| 88) Benzo(k)fluoranthene    | 24.53 | 252  | 114777m  | 17.35  | ng    |          |
| 89) Benzo(a)pyrene          | 24.79 | 252  | 245372   | 36.32  | ng    | # 88     |
| 90) Dibenzo(a,h)anthracene  | 25.90 | 278  | 37481m   | 7.18   | ng    |          |
| 91) Benzo(g,h,i)perylene    | 26.21 | 276  | 111029   | 22.28  | ng    | # 72     |

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

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