

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF091415\  
 Data File : BF081605.D  
 Acq On : 14 Sep 2015 13:21  
 Operator : UM/IZ  
 Sample : G3526-19DL 2X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

MMDadoda  
 9/14/2015 3:12:50 PM

Quant Time: Sep 14 14:23:07 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF090115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 14 13:51:56 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.23  | 152  | 57373    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.12 | 136  | 233922   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10        | 15.26 | 164  | 114012   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10        | 18.77 | 188  | 224495   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12            | 23.40 | 240  | 157986   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 24.82 | 264  | 108397   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.37  | 112  | 216127   | 58.45 | ng    | 0.00     |
| 7) Phenol-d6                | 7.63  | 99   | 312585   | 63.86 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 9.52  | 82   | 207272   | 42.75 | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 17.16 | 330  | 62763    | 61.83 | ng    | -0.02    |
| 44) 2-Fluorobiphenyl        | 13.77 | 172  | 363440   | 40.85 | ng    | -0.01    |
| 78) Terphenyl-d14           | 22.12 | 244  | 296504   | 43.69 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 49) Dimethylphthalate       | 14.82 | 163  | 81289    | 9.18  | ng    | # 97     |
| 51) Acenaphthene            | 15.33 | 154  | 31606    | 4.13  | ng    | 84       |
| 54) Dibenzofuran            | 15.76 | 168  | 30735    | 2.75  | ng    | # 87     |
| 57) Fluorene                | 16.56 | 166  | 39622    | 4.68  | ng    | 92       |
| 70) Phenanthrene            | 18.84 | 178  | 614562   | 49.24 | ng    | 97       |
| 71) Anthracene              | 18.94 | 178  | 117530   | 9.17  | ng    | 99       |
| 72) Carbazole               | 19.42 | 167  | 40872    | 3.40  | ng    | 98       |
| 74) Fluoranthene            | 21.44 | 202  | 591183   | 43.76 | ng    | 90       |
| 77) Pyrene                  | 21.80 | 202  | 626961   | 53.57 | ng    | # 90     |
| 80) Benzo(a)anthracene      | 23.38 | 228  | 251954   | 25.04 | ng    | 97       |
| 82) Chrysene                | 23.42 | 228  | 238728   | 26.47 | ng    | 93       |
| 85) Indeno(1,2,3-cd)pyrene  | 25.88 | 276  | 93280    | 14.10 | ng    | # 77     |
| 87) Benzo(b)fluoranthene    | 24.49 | 252  | 189697m  | 24.51 | ng    |          |
| 88) Benzo(k)fluoranthene    | 24.49 | 252  | 91200m   | 14.20 | ng    |          |
| 89) Benzo(a)pyrene          | 24.78 | 252  | 146569   | 22.35 | ng    | # 84     |
| 90) Dibenzo(a,h)anthracene  | 25.88 | 278  | 29890    | 5.90  | ng    | # 80     |
| 91) Benzo(g,h,i)perylene    | 26.18 | 276  | 88961    | 18.39 | ng    | # 71     |

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

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