

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF081915\  
 Data File : BF081118.D  
 Acq On : 20 Aug 2015 10:20  
 Operator : UM/IZ  
 Sample : G3319-01  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NCB-015CS-2(0-12FTBGS)

Manual Integrations  
 APPROVED

MMDadoda  
 8/20/2015 3:42:19 PM

Quant Time: Aug 20 11:44:54 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF081715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 20 11:22:13 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.58  | 152  | 67044    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.88  | 136  | 257191   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.61  | 164  | 104819   | 20.00  | ng    | -0.01    |
| 63) Phenanthrene-d10        | 11.09 | 188  | 186025   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.71 | 240  | 123102   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.05 | 264  | 99480    | 20.00  | ng    | 0.01     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.16  | 112  | 468285   | 105.06 | ng    | 0.01     |
| 7) Phenol-d6                | 6.23  | 99   | 606939   | 104.36 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.16  | 82   | 367965   | 65.36  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.40 | 330  | 83083    | 91.44  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 8.95  | 172  | 562080   | 70.26  | ng    | -0.01    |
| 78) Terphenyl-d14           | 12.68 | 244  | 403495   | 70.27  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 7.89  | 128  | 55579    | 3.88   | ng    | 99       |
| 49) Dimethylphthalate       | 9.35  | 163  | 89574    | 10.38  | ng    | 99       |
| 51) Acenaphthene            | 9.65  | 154  | 47777    | 6.01   | ng    | 99       |
| 54) Dibenzofuran            | 9.82  | 168  | 25924    | 2.44   | ng    | # 93     |
| 57) Fluorene                | 10.16 | 166  | 36177    | 4.42   | ng    | 98       |
| 70) Phenanthrene            | 11.11 | 178  | 245702   | 22.29  | ng    | 100      |
| 71) Anthracene              | 11.17 | 178  | 65309    | 6.09   | ng    | 99       |
| 74) Fluoranthene            | 12.31 | 202  | 385020   | 32.36  | ng    | 97       |
| 77) Pyrene                  | 12.52 | 202  | 370253   | 37.00  | ng    | 97       |
| 80) Benzo(a)anthracene      | 13.69 | 228  | 150034   | 18.17  | ng    | 96       |
| 82) Chrysene                | 13.73 | 228  | 114720m  | 15.42  | ng    |          |
| 85) Indeno(1,2,3-cd)pyrene  | 16.25 | 276  | 43388    | 8.31   | ng    | 94       |
| 87) Benzo(b)fluoranthene    | 14.70 | 252  | 111960m  | 15.91  | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.70 | 252  | 55494m   | 8.46   | ng    |          |
| 89) Benzo(a)pyrene          | 15.00 | 252  | 97443    | 15.89  | ng    | # 94     |
| 90) Dibenzo(a,h)anthracene  | 16.27 | 278  | 11418    | 2.39   | ng    | # 82     |
| 91) Benzo(g,h,i)perylene    | 16.62 | 276  | 44013    | 9.08   | ng    | # 88     |

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

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