

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF111715\  
 Data File : BF082997.D  
 Acq On : 18 Nov 2015 6:25  
 Operator : UM/IZ  
 Sample : G4423-02  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GOODLUCK 58

Manual Integrations  
 APPROVED

mohammad  
 11/19/2015 8:25:53 AM

Quant Time: Nov 18 07:30:31 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF110715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 17 04:41:30 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.75  | 152  | 156332m  | 20.00  | ng    | -0.10     |
| 21) Naphthalene-d8          | 8.04  | 136  | 642714   | 20.00  | ng    | -0.10     |
| 38) Acenaphthene-d10        | 9.79  | 164  | 319298   | 20.00  | ng    | -0.10     |
| 63) Phenanthrene-d10        | 11.28 | 188  | 559449   | 20.00  | ng    | -0.10     |
| 75) Chrysene-d12            | 13.91 | 240  | 508100   | 20.00  | ng    | -0.11     |
| 86) Perylene-d12            | 15.30 | 264  | 338970   | 20.00  | ng    | -0.16     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.37  | 112  | 1071640  | 106.66 | ng    | -0.08     |
| 7) Phenol-d6                | 6.41  | 99   | 1476560  | 110.54 | ng    | -0.08     |
| 23) Nitrobenzene-d5         | 7.32  | 82   | 1124701  | 76.14  | ng    | -0.09     |
| 41) 2,4,6-Tribromophenol    | 10.58 | 330  | 359214   | 98.12  | ng    | -0.10     |
| 44) 2-Fluorobiphenyl        | 9.12  | 172  | 1610879  | 72.31  | ng    | -0.10     |
| 78) Terphenyl-d14           | 12.86 | 244  | 1675183  | 78.20  | ng    | -0.10     |
| Target Compounds            |       |      |          |        |       |           |
| 51) Acenaphthene            | 9.82  | 154  | 77550    | 3.65   | ng    | Qvalue 98 |
| 54) Dibenzofuran            | 10.00 | 168  | 115135   | 4.02   | ng    | # 84      |
| 57) Fluorene                | 10.34 | 166  | 132842   | 5.73   | ng    | 96        |
| 70) Phenanthrene            | 11.30 | 178  | 490764m  | 15.11  | ng    |           |
| 71) Anthracene              | 11.34 | 178  | 134508m  | 3.93   | ng    |           |
| 72) Carbazole               | 11.50 | 167  | 622027   | 20.76  | ng    | 97        |
| 74) Fluoranthene            | 12.48 | 202  | 183613   | 5.27   | ng    | 97        |
| 76) Benzidine               | 12.66 | 184  | 94609    | 5.56   | ng    | # 94      |
| 77) Pyrene                  | 12.70 | 202  | 110685   | 3.17   | ng    | 97        |

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

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