

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\  
 Data File : BF079545.D  
 Acq On : 28 May 2015 15:37  
 Operator : TP/IZ  
 Sample : G2386-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-1-SS

Manual Integrations  
 APPROVED

apatel  
 5/29/2015 5:11:56 PM

Quant Time: May 29 08:52:46 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 28 18:41:08 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.96  | 152  | 69583    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.54  | 136  | 292930   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 10.71 | 164  | 135907   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 12.54 | 188  | 254414   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 15.82 | 240  | 253698   | 20.00  | ng    | -0.02    |
| 86) Perylene-d12            | 17.57 | 264  | 279060   | 20.00  | ng    | -0.10    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.23  | 112  | 453689   | 113.09 | ng    | 0.00     |
| 7) Phenol-d6                | 6.56  | 99   | 591121   | 115.60 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.66  | 82   | 326932   | 64.52  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 11.68 | 330  | 162339   | 108.75 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 9.88  | 172  | 654269   | 68.68  | ng    | 0.00     |
| 78) Terphenyl-d14           | 14.53 | 244  | 681444   | 63.04  | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 8.56  | 128  | 51481    | 3.66   | ng    | 99       |
| 37) 2-Methylnaphthalene     | 9.43  | 142  | 25099    | 2.57   | ng    | 99       |
| 48) Acenaphthylene          | 10.52 | 152  | 89393    | 6.42   | ng    | 99       |
| 49) Dimethylphthalate       | 10.40 | 163  | 31465    | 3.14   | ng    | 99       |
| 70) Phenanthrene            | 12.56 | 178  | 53155    | 3.81   | ng    | 99       |
| 71) Anthracene              | 12.63 | 178  | 91556    | 6.46   | ng    | 99       |
| 74) Fluoranthene            | 14.03 | 202  | 149666   | 10.00  | ng    | 97       |
| 77) Pyrene                  | 14.31 | 202  | 183363   | 11.67  | ng    | 96       |
| 80) Benzo(a)anthracene      | 15.81 | 228  | 135681m  | 9.30   | ng    |          |
| 82) Chrysene                | 15.85 | 228  | 163099   | 11.76  | ng    | 96       |
| 85) Indeno(1,2,3-cd)pyrene  | 18.87 | 276  | 164458   | 9.22   | ng    | 95       |
| 87) Benzo(b)fluoranthene    | 17.12 | 252  | 332211m  | 20.87  | ng    |          |
| 88) Benzo(k)fluoranthene    | 17.13 | 252  | 129187m  | 9.08   | ng    |          |
| 89) Benzo(a)pyrene          | 17.50 | 252  | 192620   | 12.41  | ng    | # 96     |
| 91) Benzo(a,h,i)perylene    | 19.25 | 276  | 162997   | 9.34   | ng    | 98       |

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

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