

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF081715\  
 Data File : BF081037.D  
 Acq On : 18 Aug 2015 8:59  
 Operator : UM/IZ  
 Sample : G3283-03  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEC-COMP16

Manual Integrations  
 APPROVED

MMDadoda  
 8/18/2015 5:13:42 PM

Quant Time: Aug 18 11:56:28 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF081715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 17 17:57:25 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.63  | 152  | 59098    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.92  | 136  | 227784   | 20.00  | ng    | 0.01     |
| 38) Acenaphthene-d10        | 9.66  | 164  | 95875    | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.13 | 188  | 173305   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.76 | 240  | 126285   | 20.00  | ng    | 0.01     |
| 86) Perylene-d12            | 15.12 | 264  | 97136    | 20.00  | ng    | 0.02     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.22  | 112  | 583073   | 148.40 | ng    | 0.03     |
| 7) Phenol-d6                | 6.28  | 99   | 794691   | 155.01 | ng    | 0.02     |
| 23) Nitrobenzene-d5         | 7.20  | 82   | 436897   | 87.62  | ng    | 0.01     |
| 41) 2,4,6-Tribromophenol    | 10.44 | 330  | 99241    | 119.41 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 8.99  | 172  | 614004   | 83.91  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.72 | 244  | 470159   | 79.81  | ng    | 0.01     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 7.93  | 128  | 192409   | 15.15  | ng    | 99       |
| 37) 2-Methylnaphthalene     | 8.63  | 142  | 68104    | 8.49   | ng    | 96       |
| 48) Acenaphthylene          | 9.52  | 152  | 26151    | 2.15   | ng    | # 97     |
| 49) Dimethylphthalate       | 9.39  | 163  | 186093   | 23.57  | ng    | 99       |
| 51) Acenaphthene            | 9.69  | 154  | 110516   | 15.21  | ng    | 100      |
| 54) Dibenzofuran            | 9.86  | 168  | 118636   | 12.19  | ng    | 95       |
| 57) Fluorene                | 10.20 | 166  | 143782   | 19.20  | ng    | 99       |
| 70) Phenanthrene            | 11.16 | 178  | 832030   | 81.01  | ng    | 99       |
| 71) Anthracene              | 11.21 | 178  | 282329   | 28.25  | ng    | 100      |
| 72) Carbazole               | 11.37 | 167  | 149418   | 15.53  | ng    | 97       |
| 74) Fluoranthene            | 12.35 | 202  | 1182200  | 106.67 | ng    | 95       |
| 77) Pyrene                  | 12.57 | 202  | 837743   | 81.60  | ng    | 97       |
| 80) Benzo(a)anthracene      | 13.76 | 228  | 517511   | 61.11  | ng    | 98       |
| 82) Chrysene                | 13.79 | 228  | 401625   | 52.62  | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.35 | 276  | 155236   | 28.97  | ng    | 93       |
| 87) Benzo(b)fluoranthene    | 14.75 | 252  | 426458m  | 62.07  | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.78 | 252  | 155557m  | 24.30  | ng    |          |
| 89) Benzo(a)pyrene          | 15.06 | 252  | 287357   | 48.00  | ng    | # 90     |
| 90) Dibenzo(a,h)anthracene  | 16.35 | 278  | 39624    | 8.49   | ng    | # 85     |
| 91) Benzo(g,h,i)perylene    | 16.72 | 276  | 141350   | 29.87  | ng    | # 88     |

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

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