

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\  
 Data File : BF086879.D  
 Acq On : 11 May 2016 4:14  
 Operator : UM/SJ  
 Sample : H2762-04DL3 200X  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEC-B3COMPDL3

Manual Integrations  
 APPROVED

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 5/11/2016 8:18:21 PM

Quant Time: May 11 15:01:43 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 09 16:04:56 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.68  | 152  | 164413   | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8          | 7.97  | 136  | 600079   | 20.00  | ng    | -0.01    |
| 38) Acenaphthene-d10        | 9.72  | 164  | 264186   | 20.00  | ng    | -0.01    |
| 63) Phenanthrene-d10        | 11.20 | 188  | 408868   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12            | 13.83 | 240  | 344604   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 15.20 | 264  | 300172   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.29  | 112  | 51573    | 5.31   | ng    | 0.00     |
| 7) Phenol-d6                | 6.35  | 99   | 65441    | 5.04   | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.25  | 82   | 48280    | 4.04   | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.51 | 330  | 8630     | 3.09   | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 9.05  | 172  | 88244    | 5.61   | ng    | -0.01    |
| 78) Terphenyl-d14           | 12.77 | 244  | 58579    | 3.61   | ng    | -0.02    |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 8.01  | 128  | 6515261  | 216.77 | ng    | # 94     |
| 37) 2-Methylnaphthalene     | 8.68  | 142  | 780096m  | 44.40  | ng    |          |
| 45) 1,1'-Biphenyl           | 9.15  | 154  | 155221   | 7.39   | ng    | 99       |
| 48) Acenaphthylene          | 9.58  | 152  | 444950   | 18.37  | ng    | 97       |
| 51) Acenaphthene            | 9.76  | 154  | 219363   | 14.56  | ng    | 99       |
| 54) Dibenzofuran            | 9.93  | 168  | 41488    | 2.15   | ng    | # 86     |
| 57) Fluorene                | 10.26 | 166  | 250635m  | 15.20  | ng    |          |
| 70) Phenanthrene            | 11.22 | 178  | 869055   | 39.83  | ng    | 100      |
| 71) Anthracene              | 11.28 | 178  | 281307   | 12.61  | ng    | 98       |
| 74) Fluoranthene            | 12.41 | 202  | 358417   | 15.97  | ng    | 91       |
| 77) Pyrene                  | 12.62 | 202  | 503277   | 19.08  | ng    | 99       |
| 80) Benzo(a)anthracene      | 13.81 | 228  | 183562m  | 9.49   | ng    |          |
| 82) Chrysene                | 13.85 | 228  | 120045   | 6.10   | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.49 | 276  | 45819    | 2.80   | ng    | # 87     |
| 87) Benzo(b)fluoranthene    | 14.82 | 252  | 98245m   | 5.04   | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.83 | 252  | 42663m   | 2.67   | ng    |          |
| 89) Benzo(a)pyrene          | 15.14 | 252  | 116128   | 6.90   | ng    | 97       |
| 91) Benzo(g,h,i)perylene    | 16.87 | 276  | 52950m   | 3.67   | ng    |          |

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

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