

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF031116\  
 Data File : BF085409.D  
 Acq On : 12 Mar 2016 9:53  
 Operator : UM/SJ  
 Sample : H1730-10  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 W170TH-SB-07-COMP(0.5-4.0)

Manual Integrations  
 APPROVED

UMANGI  
 3/14/2016 10:47:02 AM

Quant Time: Mar 14 01:19:36 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF030316.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 04 00:54:58 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.94  | 152  | 155561   | 20.00  | ng    | -0.05    |
| 21) Naphthalene-d8          | 8.22  | 136  | 570620   | 20.00  | ng    | -0.05    |
| 38) Acenaphthene-d10        | 9.98  | 164  | 238292   | 20.00  | ng    | -0.05    |
| 63) Phenanthrene-d10        | 11.46 | 188  | 258933   | 20.00  | ng    | -0.05    |
| 75) Chrysene-d12            | 14.11 | 240  | 200399   | 20.00  | ng    | -0.05    |
| 86) Perylene-d12            | 15.57 | 264  | 211995   | 20.00  | ng    | -0.05    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.54  | 112  | 1150616  | 124.07 | ng    | -0.03    |
| 7) Phenol-d6                | 6.57  | 99   | 1631404  | 134.27 | ng    | -0.03    |
| 23) Nitrobenzene-d5         | 7.50  | 82   | 1010922  | 94.80  | ng    | -0.05    |
| 41) 2,4,6-Tribromophenol    | 10.77 | 330  | 252411   | 123.79 | ng    | -0.05    |
| 44) 2-Fluorobiphenyl        | 9.30  | 172  | 1500823  | 95.79  | ng    | -0.05    |
| 78) Terphenyl-d14           | 13.05 | 244  | 667852   | 77.36  | ng    | -0.03    |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate       | 9.69  | 163  | 337266   | 18.44  | ng    | 99       |
| 70) Phenanthrene            | 11.49 | 178  | 51562    | 3.80   | ng    | 97       |
| 74) Fluoranthene            | 12.68 | 202  | 120111   | 8.82   | ng    | 98       |
| 77) Pyrene                  | 12.90 | 202  | 114685   | 7.60   | ng    | 97       |
| 80) Benzo(a)anthracene      | 14.09 | 228  | 70753    | 5.90   | ng    | 99       |
| 82) Chrysene                | 14.13 | 228  | 51993    | 4.69   | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene  | 17.03 | 276  | 28456    | 3.29   | ng    | # 89     |
| 87) Benzo(b)fluoranthene    | 15.15 | 252  | 61504m   | 4.35   | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.16 | 252  | 25789m   | 2.26   | ng    |          |
| 89) Benzo(a)pyrene          | 15.51 | 252  | 55208    | 4.71   | ng    | # 98     |
| 91) Benzo(g,h,i)perylene    | 17.47 | 276  | 27405    | 2.73   | ng    | 94       |

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

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