

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\  
 Data File : BM008245.D  
 Acq On : 10 Dec 2016 22:53  
 Operator : UM/SJ  
 Sample : H5905-19  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA818

Manual Integrations  
 APPROVED

UMANGI  
 12/12/2016 6:50:34 PM

Quant Time: Dec 12 11:35:46 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 12 03:51:49 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.68  | 152  | 1027     | 0.40   | ng/ul  | -0.03    |
| 2) Naphthalene-d8           | 10.46 | 136  | 2769     | 0.40   | ng/ul  | -0.01    |
| 6) Acenaphthene-d10         | 14.30 | 164  | 5587     | 0.40   | ng/ul  | -0.03    |
| 10) Phenanthrene-d10        | 17.07 | 188  | 3777m    | 0.40   | ng/ul  | -0.02    |
| 16) Chrysene-d12            | 21.27 | 240  | 2528     | 0.40   | ng/ul  | -0.01    |
| 20) Perylene-d12            | 23.50 | 264  | 2204     | 0.40   | ng/ul  | -0.01    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.06 | 152  | 1572     | 0.40   | ng/ul  | -0.02    |
| 14) Fluoranthene-d10        | 19.11 | 212  | 3367m    | 0.31   | ng/ul  | -0.02    |
| Target Compounds            |       |      |          |        |        |          |
| 3) Naphthalene              | 10.51 | 128  | 713259   | 92.11  | ng/ul  | 93       |
| 5) 2-Methylnaphthalene      | 12.14 | 142  | 1342090  | 268.87 | ng/ul  | 98       |
| 7) Acenaphthylene           | 14.04 | 152  | 26660    | 1.05   | ng/ul# | 10       |
| 8) Acenaphthene             | 14.38 | 153  | 76226    | 3.96   | ng/ul  | 91       |
| 9) Fluorene                 | 15.39 | 166  | 175198   | 7.92   | ng/ul  | 95       |
| 12) Phenanthrene            | 17.11 | 178  | 62308    | 5.30   | ng/ul  | 97       |
| 13) Anthracene              | 17.21 | 178  | 17396m   | 1.57   | ng/ul  |          |
| 15) Fluoranthene            | 19.14 | 202  | 8702     | 0.57   | ng/ul  | 85       |
| 17) Pyrene                  | 19.51 | 202  | 8805     | 1.00   | ng/ul# | 88       |

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

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