

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020116\  
 Data File : BM004161.D  
 Acq On : 01 Feb 2016 14:18  
 Operator : SJ/IZ  
 Sample : H1280-09  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 X2252

Manual Integrations  
 APPROVED

mohammad  
 2/2/2016 4:16:38 PM

Quant Time: Feb 02 09:40:15 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM012916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 02 01:18:17 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.67  | 152  | 1436     | 0.40   | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.45 | 136  | 6253     | 0.40   | ng/ul  | 0.00     |
| 8) Acenaphthene-d10         | 14.31 | 164  | 4138     | 0.40   | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.07 | 188  | 10680    | 0.40   | ng/ul  | 0.00     |
| 18) Chrysene-d12            | 21.29 | 240  | 12292    | 0.40   | ng/ul  | 0.00     |
| 22) Perylene-d12            | 23.52 | 264  | 11368    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 2) 1,4-Dioxane-d8           | 0.00  | 96   | 0d       | 0.00   | ng/uL  |          |
| 6) 2-Methylnaphthalene-d10  | 12.06 | 152  | 2408     | 0.29   | ng/ul  | 0.00     |
| 16) Fluoranthene-d10        | 19.11 | 212  | 10981    | 0.41   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 5) Naphthalene              | 10.50 | 128  | 3777     | 0.25   | ng/ul# | 92       |
| 7) 2-Methylnaphthalene      | 12.13 | 142  | 5185     | 0.48   | ng/ul  | 98       |
| 9) Acenaphthylene           | 14.04 | 152  | 2025     | 0.14   | ng/ul# | 94       |
| 10) Acenaphthene            | 14.38 | 153  | 4545     | 0.33   | ng/ul  | 97       |
| 11) Fluorene                | 15.38 | 166  | 7548     | 0.46   | ng/ul  | 88       |
| 13) Pentachlorophenol       | 16.75 | 266  | 1648     | 1.87   | ng/ul  | 96       |
| 14) Phenanthrene            | 17.11 | 178  | 11058    | 0.38   | ng/ul# | 94       |
| 15) Anthracene              | 17.19 | 178  | 12047m   | 0.49   | ng/ul  |          |
| 17) Fluoranthene            | 19.14 | 202  | 14131    | 0.39   | ng/ul  | 96       |
| 19) Pyrene                  | 19.51 | 202  | 14128    | 0.37   | ng/ul# | 92       |
| 20) Benzo(a)anthracene      | 21.27 | 228  | 16242    | 0.52   | ng/ul  | 97       |
| 21) Chrysene                | 21.32 | 228  | 17102    | 0.45   | ng/ul  | 96       |
| 23) Benzo(b)fluoranthene    | 22.84 | 252  | 23874    | 0.63   | ng/ul  | 99       |
| 24) Benzo(k)fluoranthene    | 22.88 | 252  | 11486m   | 0.32   | ng/ul  |          |
| 25) Benzo(a)pyrene          | 23.41 | 252  | 12173    | 0.37   | ng/ul  | 98       |
| 27) Dibenzo(a,h)anthracene  | 25.78 | 278  | 21658    | 0.79   | ng/ul  | 99       |
| 28) Benzo(g,h,i)perylene    | 26.46 | 276  | 9655     | 0.28   | ng/ul  | 99       |

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

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