

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122116\  
 Data File : BM008546.D  
 Acq On : 22 Dec 2016 08:37  
 Operator : UM/SJ  
 Sample : H6069-02  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA7H8

Manual Integrations  
 APPROVED

Sohil  
 12/22/2016 12:36:44 PM

Quant Time: Dec 22 11:51:37 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 22 02:22:34 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.65  | 152  | 472      | 0.40   | ng/ul  | -0.05    |
| 2) Naphthalene-d8           | 10.42 | 136  | 1497     | 0.40   | ng/ul  | -0.06    |
| 6) Acenaphthene-d10         | 14.28 | 164  | 993      | 0.40   | ng/ul  | -0.03    |
| 10) Phenanthrene-d10        | 17.04 | 188  | 1879m    | 0.40   | ng/ul  | -0.03    |
| 16) Chrysene-d12            | 21.25 | 240  | 1601     | 0.40   | ng/ul  | -0.01    |
| 20) Perylene-d12            | 23.48 | 264  | 1239m    | 0.40   | ng/ul  | -0.01    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.02 | 152  | 1076     | 0.47   | ng/ul  | -0.06    |
| 14) Fluoranthene-d10        | 19.08 | 212  | 2332m    | 0.45   | ng/ul  | -0.02    |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) Naphthalene              | 10.46 | 128  | 2200     | 0.52   | ng/ul# | 94       |
| 5) 2-Methylnaphthalene      | 12.09 | 142  | 2031     | 0.72   | ng/ul  | 99       |
| 7) Acenaphthylene           | 14.01 | 152  | 515      | 0.11   | ng/ul# | 56       |
| 8) Acenaphthene             | 14.35 | 153  | 333      | 0.10   | ng/ul# | 91       |
| 9) Fluorene                 | 15.34 | 166  | 240      | 0.06   | ng/ul# | 56       |
| 12) Phenanthrene            | 17.07 | 178  | 6261     | 1.09   | ng/ul  | 99       |
| 13) Anthracene              | 17.18 | 178  | 1440m    | 0.26   | ng/ul  |          |
| 15) Fluoranthene            | 19.11 | 202  | 4940     | 0.70   | ng/ul  | 98       |
| 17) Pyrene                  | 19.47 | 202  | 4081m    | 0.66   | ng/ul  |          |
| 18) Benzo(a)anthracene      | 21.23 | 228  | 3020     | 0.57   | ng/ul# | 91       |
| 19) Chrysene                | 21.28 | 228  | 3783m    | 0.66   | ng/ul  |          |
| 21) Benzo(b)fluoranthene    | 22.81 | 252  | 5297m    | 1.09   | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.85 | 252  | 1594m    | 0.33   | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.37 | 252  | 2682m    | 0.59   | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 25.72 | 276  | 2165m    | 0.40   | ng/ul  |          |
| 25) Dibenzo(a,h)anthracene  | 25.71 | 278  | 814m     | 0.19   | ng/ul  |          |
| 26) Benzo(g,h,i)perylene    | 26.40 | 276  | 2131m    | 0.46   | ng/ul  |          |

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

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