

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122816\  
 Data File : BM008704.D  
 Acq On : 28 Dec 2016 21:33  
 Operator : UM/SJ  
 Sample : H6067-09  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA7G0

Manual Integrations  
 APPROVED

mohammad  
 12/30/2016 8:53:54 AM

Quant Time: Dec 29 04:42:48 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 29 03:29:39 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.65  | 152  | 444m     | 0.40   | ng/ul  | -0.17    |
| 2) Naphthalene-d8           | 10.44 | 136  | 1298     | 0.40   | ng/ul  | -0.12    |
| 6) Acenaphthene-d10         | 14.28 | 164  | 894m     | 0.40   | ng/ul  | -0.07    |
| 10) Phenanthrene-d10        | 17.04 | 188  | 1781m    | 0.40   | ng/ul  | -0.07    |
| 16) Chrysene-d12            | 21.24 | 240  | 1741     | 0.40   | ng/ul  | -0.04    |
| 20) Perylene-d12            | 23.48 | 264  | 2043     | 0.40   | ng/ul  | -0.05    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.06 | 152  | 327      | 0.16   | ng/ul  | -0.10    |
| 14) Fluoranthene-d10        | 19.09 | 212  | 892      | 0.18   | ng/ul  | -0.04    |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) Naphthalene              | 10.49 | 128  | 1068     | 0.29   | ng/ul# | 86       |
| 5) 2-Methylnaphthalene      | 12.13 | 142  | 412      | 0.17   | ng/ul  | 88       |
| 7) Acenaphthylene           | 14.01 | 152  | 11253    | 2.78   | ng/ul  | 95       |
| 8) Acenaphthene             | 14.35 | 153  | 351      | 0.12   | ng/ul# | 89       |
| 9) Fluorene                 | 15.36 | 166  | 651      | 0.19   | ng/ul# | 84       |
| 12) Phenanthrene            | 17.07 | 178  | 3106m    | 0.57   | ng/ul  |          |
| 13) Anthracene              | 17.18 | 178  | 17204    | 3.26   | ng/ul  | 94       |
| 15) Fluoranthene            | 19.11 | 202  | 12479m   | 1.87   | ng/ul  |          |
| 17) Pyrene                  | 19.48 | 202  | 22566    | 3.35   | ng/ul  | 97       |
| 18) Benzo(a)anthracene      | 21.22 | 228  | 31868    | 5.57   | ng/ul  | 97       |
| 19) Chrysene                | 21.28 | 228  | 62370    | 9.96   | ng/ul  | 91       |
| 21) Benzo(b)fluoranthene    | 22.80 | 252  | 179484m  | 22.30  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.84 | 252  | 48668m   | 6.20   | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.37 | 252  | 118606   | 15.90  | ng/ul# | 75       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.71 | 276  | 120334   | 13.53  | ng/ul# | 90       |
| 25) Dibenzo(a,h)anthracene  | 25.70 | 278  | 31728    | 4.47   | ng/ul# | 88       |
| 26) Benzo(g,h,i)perylene    | 26.39 | 276  | 123283   | 16.17  | ng/ul# | 87       |

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

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