

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM122816\  
 Data File : BM008703.D  
 Acq On : 28 Dec 2016 20:56  
 Operator : UM/SJ  
 Sample : H6067-06  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA7F7

Manual Integrations  
 APPROVED

mohammad  
 12/30/2016 8:53:50 AM

Quant Time: Dec 29 04:37:01 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  | 379m     | 0.40   | ng/ul  | -0.17    |
| 2) Naphthalene-d8           | 10.43 | 136  | 1190     | 0.40   | ng/ul  | -0.13    |
| 6) Acenaphthene-d10         | 14.28 | 164  | 782m     | 0.40   | ng/ul  | -0.07    |
| 10) Phenanthrene-d10        | 17.04 | 188  | 1417m    | 0.40   | ng/ul  | -0.07    |
| 16) Chrysene-d12            | 21.27 | 240  | 1423     | 0.40   | ng/ul  | -0.01    |
| 20) Perylene-d12            | 23.49 | 264  | 1079m    | 0.40   | ng/ul  | -0.03    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.08 | 152  | 493      | 0.27   | ng/ul  | -0.08    |
| 14) Fluoranthene-d10        | 19.10 | 212  | 1393     | 0.36   | ng/ul  | -0.04    |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 7) Acenaphthylene           | 14.01 | 152  | 478      | 0.14   | ng/ul# | 78       |
| 15) Fluoranthene            | 19.12 | 202  | 939      | 0.18   | ng/ul  | 87       |
| 17) Pyrene                  | 19.47 | 202  | 1438     | 0.26   | ng/ul# | 77       |
| 18) Benzo(a)anthracene      | 21.25 | 228  | 1827     | 0.39   | ng/ul# | 89       |
| 19) Chrysene                | 21.30 | 228  | 2577     | 0.50   | ng/ul# | 91       |
| 21) Benzo(b)fluoranthene    | 22.82 | 252  | 5389m    | 1.27   | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.86 | 252  | 1612m    | 0.39   | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.39 | 252  | 3347m    | 0.85   | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 25.77 | 276  | 2397     | 0.51   | ng/ul# | 90       |
| 26) Benzo(g,h,i)perylene    | 26.45 | 276  | 1937     | 0.48   | ng/ul# | 93       |

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

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