

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM112216\  
 Data File : BM008026.D  
 Acq On : 23 Nov 2016 10:20  
 Operator : UM/SJ  
 Sample : H5716-03  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4WB6

Quant Time: Nov 23 12:09:07 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM112116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 23 01:26:48 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.74  | 152  | 386      | 0.40 | ng/ul | 0.02     |
| 2) Naphthalene-d8         | 10.52 | 136  | 1285     | 0.40 | ng/ul | 0.01     |
| 6) Acenaphthene-d10       | 14.37 | 164  | 835      | 0.40 | ng/ul | 0.02     |
| 10) Phenanthrene-d10      | 17.11 | 188  | 1697     | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.30 | 240  | 1684     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.56 | 264  | 1560     | 0.40 | ng/ul | 0.01     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.15 | 152  | 567      | 0.31 | ng/ul | 0.04     |
| 14) Fluoranthene-d10        | 19.15 | 212  | 1523     | 0.32 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc | Units  | Qvalue |
|----------------------------|-------|------|----------|------|--------|--------|
| 3) Naphthalene             | 10.57 | 128  | 2912     | 0.81 | ng/ul  | 94     |
| 7) Acenaphthylene          | 14.07 | 152  | 2811     | 0.74 | ng/ul  | 98     |
| 8) Acenaphthene            | 14.42 | 153  | 2063     | 0.72 | ng/ul  | 96     |
| 9) Fluorene                | 15.43 | 166  | 2837     | 0.86 | ng/ul  | 89     |
| 11) Pentachlorophenol      | 16.78 | 266  | 1300     | 2.19 | ng/ul  | 96     |
| 12) Phenanthrene           | 17.14 | 178  | 3603     | 0.68 | ng/ul  | 98     |
| 13) Anthracene             | 17.26 | 178  | 2020     | 0.41 | ng/ul  | 96     |
| 15) Fluoranthene           | 19.17 | 202  | 864      | 0.13 | ng/ul# | 1      |
| 17) Pyrene                 | 19.54 | 202  | 9240     | 1.58 | ng/ul  | 97     |
| 18) Benzo(a)anthracene     | 21.29 | 228  | 3790     | 0.73 | ng/ul  | 100    |
| 19) Chrysene               | 21.34 | 228  | 6282     | 0.98 | ng/ul  | 99     |
| 21) Benzo(b)fluoranthene   | 22.92 | 252  | 2935     | 0.47 | ng/ul  | 96     |
| 22) Benzo(k)fluoranthene   | 22.92 | 252  | 2972     | 0.46 | ng/ul  | 95     |
| 24) Indeno(1,2,3-cd)pyrene | 25.81 | 276  | 4723     | 0.66 | ng/ul# | 89     |
| 25) Dibenzo(a,h)anthracene | 25.81 | 278  | 151      | 0.03 | ng/ul# | 1      |
| 26) Benzo(g,h,i)perylene   | 26.50 | 276  | 5389     | 0.84 | ng/ul# | 92     |

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

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