

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081516\  
 Data File : BM007114.D  
 Acq On : 15 Aug 2016 12:35  
 Operator : UM/SJ  
 Sample : SSTD0.235  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Aug 15 15:00:23 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM081516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 15 14:59:57 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.82  | 152  | 1720     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.60 | 136  | 6342     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.43 | 164  | 3167     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.18 | 188  | 7128     | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.37 | 240  | 7971     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.63 | 264  | 7925     | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.18 | 152  | 1584     | 0.20 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.21 | 212  | 3058     | 0.16 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc | Units  | Ovalue |
|----------------------------|-------|------|----------|------|--------|--------|
| 3) Naphthalene             | 10.65 | 128  | 3182     | 0.20 | ng/ul# | 93     |
| 5) 2-Methylnaphthalene     | 12.26 | 142  | 2145     | 0.20 | ng/ul  | 99     |
| 7) Acenaphthylene          | 14.14 | 152  | 3387     | 0.19 | ng/ul# | 94     |
| 8) Acenaphthene            | 14.50 | 153  | 2174     | 0.20 | ng/ul  | 97     |
| 9) Fluorene                | 15.50 | 166  | 2451     | 0.19 | ng/ul  | 97     |
| 11) Pentachlorophenol      | 16.83 | 266  | 309      | 0.34 | ng/ul  | 96     |
| 12) Phenanthrene           | 17.31 | 178  | 3470     | 0.18 | ng/ul  | 96     |
| 13) Anthracene             | 17.31 | 178  | 3642     | 0.19 | ng/ul  | 96     |
| 15) Fluoranthene           | 19.23 | 202  | 4447     | 0.16 | ng/ul  | 94     |
| 17) Pyrene                 | 19.60 | 202  | 4783     | 0.20 | ng/ul  | 97     |
| 18) Benzo(a)anthracene     | 21.35 | 228  | 4587     | 0.21 | ng/ul  | 95     |
| 19) Chrysene               | 21.40 | 228  | 4476     | 0.20 | ng/ul  | 96     |
| 21) Benzo(b)fluoranthene   | 22.94 | 252  | 5522     | 0.20 | ng/ul  | 90     |
| 22) Benzo(k)fluoranthene   | 23.00 | 252  | 4369     | 0.17 | ng/ul# | 94     |
| 23) Benzo(a)pyrene         | 23.54 | 252  | 4535     | 0.18 | ng/ul# | 88     |
| 24) Indeno(1,2,3-cd)pyrene | 25.93 | 276  | 5840     | 0.18 | ng/ul# | 94     |
| 25) Dibenzo(a,h)anthracene | 25.95 | 278  | 4549     | 0.19 | ng/ul  | 95     |
| 26) Benzo(g,h,i)perylene   | 26.62 | 276  | 5012     | 0.20 | ng/ul  | 96     |

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

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