

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM122416\  
 Data File : BM008622.D  
 Acq On : 24 Dec 2016 08:09  
 Operator : UM/SJ  
 Sample : H5995-16  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA884

Quant Time: Dec 25 01:44:41 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 24 04:56:03 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.65  | 152  | 610      | 0.40 | ng/ul | -0.09    |
| 2) Naphthalene-d8         | 10.43 | 136  | 1854     | 0.40 | ng/ul | -0.07    |
| 6) Acenaphthene-d10       | 14.28 | 164  | 1063     | 0.40 | ng/ul | -0.03    |
| 10) Phenanthrene-d10      | 17.04 | 188  | 2027     | 0.40 | ng/ul | -0.05    |
| 16) Chrysene-d12          | 21.24 | 240  | 2065     | 0.40 | ng/ul | -0.03    |
| 20) Perylene-d12          | 23.48 | 264  | 2416     | 0.40 | ng/ul | -0.03    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.03 | 152  | 307      | 0.11 | ng/ul | -0.07    |
| 14) Fluoranthene-d10        | 19.08 | 212  | 1433     | 0.26 | ng/ul | -0.03    |

| Target Compounds           | R.T.  | QIon | Response | Conc | Units  | Qvalue |
|----------------------------|-------|------|----------|------|--------|--------|
| 3) Naphthalene             | 10.48 | 128  | 1902     | 0.36 | ng/ul  | 96     |
| 5) 2-Methylnaphthalene     | 12.09 | 142  | 2550     | 0.73 | ng/ul  | 93     |
| 7) Acenaphthylene          | 14.01 | 152  | 744      | 0.15 | ng/ul# | 79     |
| 8) Acenaphthene            | 14.35 | 153  | 221      | 0.06 | ng/ul# | 83     |
| 9) Fluorene                | 15.34 | 166  | 273      | 0.07 | ng/ul# | 73     |
| 11) Pentachlorophenol      | 16.75 | 266  | 22       | 0.03 | ng/ul# | 53     |
| 12) Phenanthrene           | 17.07 | 178  | 4745     | 0.77 | ng/ul  | 99     |
| 13) Anthracene             | 17.07 | 178  | 4673     | 0.78 | ng/ul  | 99     |
| 15) Fluoranthene           | 19.11 | 202  | 8256     | 1.09 | ng/ul  | 90     |
| 17) Pyrene                 | 19.48 | 202  | 9595     | 1.20 | ng/ul# | 93     |
| 18) Benzo(a)anthracene     | 21.22 | 228  | 6471     | 0.95 | ng/ul# | 85     |
| 19) Chrysene               | 21.28 | 228  | 9557     | 1.29 | ng/ul# | 89     |
| 21) Benzo(b)fluoranthene   | 22.81 | 252  | 16576    | 1.74 | ng/ul# | 72     |
| 22) Benzo(k)fluoranthene   | 22.81 | 252  | 16576    | 1.79 | ng/ul# | 73     |
| 23) Benzo(a)pyrene         | 23.37 | 252  | 7956     | 0.90 | ng/ul# | 66     |
| 24) Indeno(1,2,3-cd)pyrene | 25.71 | 276  | 6895     | 0.66 | ng/ul# | 92     |
| 25) Dibenzo(a,h)anthracene | 25.70 | 278  | 2048     | 0.24 | ng/ul# | 22     |
| 26) Benzo(g,h,i)perylene   | 26.39 | 276  | 6906     | 0.77 | ng/ul  | 96     |

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

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