

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM030917\  
 Data File : BM009145.D  
 Acq On : 09 Mar 2017 14:57  
 Operator : SJ/MA  
 Sample : I2062-21  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AK7

Manual Integrations  
 APPROVED

mohammad  
 3/10/2017 6:00:46 PM

Quant Time: Mar 09 15:53:08 2017  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM030317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 09 15:10:54 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.88  | 152  | 257      | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.68 | 136  | 786      | 0.40 | ng/ul | -0.01    |
| 6) Acenaphthene-d10       | 14.52 | 164  | 474      | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.26 | 188  | 1041m    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.44 | 240  | 1186m    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.78 | 264  | 1045m    | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.27 | 152  | 360      | 0.28 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.29 | 212  | 960      | 0.29 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc | Units  | Qvalue |
|----------------------------|-------|------|----------|------|--------|--------|
| 3) Naphthalene             | 10.73 | 128  | 1754     | 0.77 | ng/ul  | 97     |
| 5) 2-Methylnaphthalene     | 12.34 | 142  | 1335     | 0.82 | ng/ul  | 99     |
| 7) Acenaphthylene          | 14.23 | 152  | 796      | 0.32 | ng/ul# | 76     |
| 8) Acenaphthene            | 14.59 | 153  | 137      | 0.07 | ng/ul# | 83     |
| 9) Fluorene                | 15.58 | 166  | 270      | 0.12 | ng/ul# | 89     |
| 12) Phenanthrene           | 17.31 | 178  | 5441m    | 1.66 | ng/ul  |        |
| 13) Anthracene             | 17.40 | 178  | 1777     | 0.55 | ng/ul  | 96     |
| 15) Fluoranthene           | 19.32 | 202  | 15748    | 3.69 | ng/ul  | 94     |
| 17) Pyrene                 | 19.68 | 202  | 15494m   | 3.80 | ng/ul  |        |
| 18) Benzo(a)anthracene     | 21.42 | 228  | 13174m   | 3.34 | ng/ul  |        |
| 19) Chrysene               | 21.47 | 228  | 14110m   | 3.77 | ng/ul  |        |
| 21) Benzo(b)fluoranthene   | 23.07 | 252  | 26873m   | 6.55 | ng/ul  |        |
| 22) Benzo(k)fluoranthene   | 23.11 | 252  | 6606m    | 1.82 | ng/ul  |        |
| 23) Benzo(a)pyrene         | 23.67 | 252  | 14780m   | 4.00 | ng/ul  |        |
| 24) Indeno(1,2,3-cd)pyrene | 26.15 | 276  | 10288m   | 2.19 | ng/ul  |        |
| 25) Dibenzo(a,h)anthracene | 26.16 | 278  | 2981m    | 0.76 | ng/ul  |        |
| 26) Benzo(g,h,i)perylene   | 26.89 | 276  | 8593m    | 2.14 | ng/ul  |        |

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

