

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE101515\  
 Data File : BE091018.D  
 Acq On : 15 Oct 2015 12:59  
 Operator : UM/IZ  
 Sample : G3981-04DL 2X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 X2058DL

Quant Time: Oct 15 13:33:08 2015  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM02.2-EPA-SIM-BE101415.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 15 05:50:36 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.94  | 152  | 6093     | 0.40 | ng/ul | -0.01    |
| 2) Naphthalene-d8         | 9.62  | 136  | 26890    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 13.44 | 164  | 15412    | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 16.16 | 188  | 39490    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 20.31 | 240  | 53998    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 22.22 | 264  | 53841    | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 11.12 | 152  | 5658     | 0.19 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 18.15 | 212  | 18400    | 0.20 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc | Units | Qvalue |
|----------------------------|-------|------|----------|------|-------|--------|
| 3) Naphthalene             | 9.67  | 128  | 25599    | 0.41 | ng/ul | 98     |
| 7) Acenaphthylene          | 13.18 | 152  | 21772    | 0.38 | ng/ul | 98     |
| 8) Acenaphthene            | 13.50 | 153  | 15367    | 0.37 | ng/ul | 98     |
| 9) Fluorene                | 14.48 | 166  | 23105    | 0.45 | ng/ul | 99     |
| 11) Pentachlorophenol      | 15.92 | 266  | 1312     | 0.29 | ng/ul | 98     |
| 12) Phenanthrene           | 16.20 | 178  | 128887   | 0.37 | ng/ul | 97     |
| 13) Anthracene             | 16.28 | 178  | 81770    | 0.24 | ng/ul | 95     |
| 17) Pyrene                 | 18.56 | 202  | 343664   | 0.75 | ng/ul | 99     |
| 18) Benzo(a)anthracene     | 20.28 | 228  | 44245    | 0.38 | ng/ul | 98     |
| 19) Chrysene               | 20.34 | 228  | 63540    | 0.50 | ng/ul | 99     |
| 22) Benzo(k)fluoranthene   | 21.68 | 252  | 31504    | 0.24 | ng/ul | 93     |
| 24) Indeno(1,2,3-cd)pyrene | 23.87 | 276  | 209265   | 0.42 | ng/ul | 99     |
| 26) Benzo(g,h,i)perylene   | 24.43 | 276  | 235544   | 0.45 | ng/ul | 92     |

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

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