

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE061417\  
 Data File : BE093204.D  
 Acq On : 15 Jun 2017 12:19  
 Operator : SJ/MA  
 Sample : I3646-02 5X  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 B0AD1

Quant Time: Jun 15 13:33:19 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE060717.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 15 07:58:47 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.74  | 152  | 3268     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.52 | 136  | 16113    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.37 | 164  | 8967     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.10 | 188  | 23047    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.24 | 240  | 795      | 0.40 | ng/ul | -0.03    |
| 20) Perylene-d12          | 23.71 | 264  | 14878    | 0.40 | ng/ul | 0.04     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.11 | 152  | 1400     | 0.06 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.13 | 212  | 8823     | 0.14 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|----------------------------|-------|------|----------|--------|--------|--------|
| 3) Naphthalene             | 10.57 | 128  | 3881     | 0.097  | ng/ul# | 93     |
| 5) 2-Methylnaphthalene     | 12.18 | 142  | 1455     | 0.053  | ng/ul  | 100    |
| 7) Acenaphthylene          | 13.93 | 152  | 5202     | 0.135  | ng/ul  | 99     |
| 8) Acenaphthene            | 14.45 | 153  | 1919     | 0.062  | ng/ul# | 39     |
| 9) Fluorene                | 15.42 | 166  | 1158     | 0.032  | ng/ul# | 66     |
| 11) Pentachlorophenol      | 16.79 | 266  | 78       | 0.023  | ng/ul# | 1      |
| 12) Phenanthrene           | 17.14 | 178  | 4062     | 0.064  | ng/ul# | 1      |
| 13) Anthracene             | 17.27 | 178  | 7833     | 0.142  | ng/ul# | 1      |
| 15) Fluoranthene           | 19.16 | 202  | 6495     | 0.084  | ng/ul  | 82     |
| 17) Pyrene                 | 19.34 | 202  | 23773    | 10.140 | ng/ul  | 97     |
| 18) Benzo(a)anthracene     | 21.27 | 228  | 4231     | 1.995  | ng/ul# | 1      |
| 19) Chrysene               | 21.27 | 228  | 4231     | 1.923  | ng/ul# | 1      |
| 21) Benzo(b)fluoranthene   | 22.98 | 252  | 5259     | 0.116  | ng/ul# | 1      |
| 22) Benzo(k)fluoranthene   | 22.98 | 252  | 5259     | 0.110  | ng/ul# | 1      |
| 23) Benzo(a)pyrene         | 23.60 | 252  | 1667     | 0.039  | ng/ul# | 1      |
| 24) Indeno(1,2,3-cd)pyrene | 26.22 | 276  | 847      | 0.017  | ng/ul# | 35     |
| 26) Benzo(g,h,i)perylene   | 27.01 | 276  | 718      | 0.017  | ng/ul# | 1      |

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

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