

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE070918\  
 Data File : BE096878.D  
 Acq On : 9 Jul 2018 13:14  
 Operator : SJ/JU  
 Sample : J3721-16DL 10X  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F1H04DL

Quant Time: Jul 09 16:36:02 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE070618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jul 07 07:26:18 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.40  | 152  | 2627     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.14 | 136  | 14183    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.03 | 164  | 8583     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 16.77 | 188  | 20715    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 20.98 | 240  | 19748    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.21 | 264  | 22187    | 0.40 | ng/ul | 0.00     |

|                             |       |     |      |      |       |      |
|-----------------------------|-------|-----|------|------|-------|------|
| System Monitoring Compounds |       |     |      |      |       |      |
| 4) 2-Methylnaphthalene-d10  | 11.74 | 152 | 695  | 0.03 | ng/ul | 0.00 |
| 14) Fluoranthene-d10        | 18.81 | 212 | 1423 | 0.03 | ng/ul | 0.00 |

|                            |       |     |        |        |        |    |
|----------------------------|-------|-----|--------|--------|--------|----|
| Target Compounds           |       |     |        | Qvalue |        |    |
| 7) Acenaphthylene          | 13.75 | 152 | 4565   | 0.130  | ng/ul  | 99 |
| 12) Phenanthrene           | 16.82 | 178 | 2945   | 0.055  | ng/ul  | 92 |
| 13) Anthracene             | 16.91 | 178 | 5907   | 0.130  | ng/ul# | 92 |
| 15) Fluoranthene           | 18.85 | 202 | 46238  | 0.813  | ng/ul  | 84 |
| 17) Pyrene                 | 19.21 | 202 | 68105  | 1.051  | ng/ul# | 80 |
| 18) Benzo(a)anthracene     | 20.96 | 228 | 27723  | 0.595  | ng/ul# | 83 |
| 19) Chrysene               | 21.02 | 228 | 52855  | 0.876  | ng/ul  | 98 |
| 21) Benzo(b)fluoranthene   | 22.54 | 252 | 139231 | 2.299  | ng/ul  | 83 |
| 22) Benzo(k)fluoranthene   | 22.54 | 252 | 139231 | 2.106  | ng/ul# | 85 |
| 23) Benzo(a)pyrene         | 23.11 | 252 | 44606  | 0.871  | ng/ul# | 78 |
| 24) Indeno(1,2,3-cd)pyrene | 25.50 | 276 | 31116  | 0.585  | ng/ul# | 73 |
| 25) Dibenzo(a,h)anthracene | 25.52 | 278 | 7536   | 0.178  | ng/ul  | 92 |
| 26) Benzo(g,h,i)perylene   | 26.21 | 276 | 22865  | 0.443  | ng/ul# | 92 |

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

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