

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE101118\  
 Data File : BE097860.D  
 Acq On : 11 Oct 2018 16:52  
 Operator : SJ/JU  
 Sample : J5184-07  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 JLC26

Quant Time: Oct 11 17:30:10 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE101118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 11 14:16:20 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|---------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.89  | 152  | 3879     | 0.40    | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.69 | 136  | 19820    | 0.40    | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.54 | 164  | 15011    | 0.40    | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.40 | 188  | 1427764  | 0.40    | ng/ul  | 0.11     |
| 16) Chrysene-d12            | 21.63 | 240  | 1231     | 0.40    | ng/ul  | 0.15     |
| 20) Perylene-d12            | 24.20 | 264  | 6202     | 0.40    | ng/ul  | 0.17     |
| System Monitoring Compounds |       |      |          |         |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.29 | 152  | 8495     | 0.25    | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.44 | 212  | 1330     | 0.00    | ng/ul  | 0.11     |
| Target Compounds            |       |      |          |         | Qvalue |          |
| 3) Naphthalene              | 10.74 | 128  | 38139    | 0.791   | ng/ul  | 99       |
| 5) 2-Methylnaphthalene      | 12.36 | 142  | 34571    | 0.991   | ng/ul  | 100      |
| 7) Acenaphthylene           | 14.26 | 152  | 11235    | 0.198   | ng/ul# | 88       |
| 8) Acenaphthene             | 14.61 | 153  | 15180    | 0.344   | ng/ul  | 97       |
| 9) Fluorene                 | 15.60 | 166  | 19692    | 0.342   | ng/ul# | 96       |
| 12) Phenanthrene            | 17.34 | 178  | 310327   | 0.092   | ng/ul  | 97       |
| 13) Anthracene              | 17.57 | 178  | 3650     | 0.001   | ng/ul# | 1        |
| 15) Fluoranthene            | 19.51 | 202  | 7085     | 0.002   | ng/ul  | 68       |
| 17) Pyrene                  | 19.73 | 202  | 817021   | 222.792 | ng/ul  | 98       |
| 18) Benzo(a)anthracene      | 21.53 | 228  | 2042725  | 548.823 | ng/ul  | 93       |
| 19) Chrysene                | 21.53 | 228  | 2042725  | 610.831 | ng/ul  | 94       |
| 21) Benzo(b)fluoranthene    | 23.27 | 252  | 1947223  | 117.475 | ng/ul  | 94       |
| 22) Benzo(k)fluoranthene    | 23.47 | 252  | 72109    | 4.064   | ng/ul# | 1        |
| 23) Benzo(a)pyrene          | 24.12 | 252  | 187826   | 11.542  | ng/ul# | 62       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.76 | 276  | 802962   | 43.464  | ng/ul# | 100      |
| 25) Dibenzo(a,h)anthracene  | 26.92 | 278  | 30942    | 2.027   | ng/ul# | 9        |
| 26) Benzo(g,h,i)perylene    | 27.60 | 276  | 997329   | 61.957  | ng/ul  | 98       |

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

