

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE081017\  
 Data File : BE093768.D  
 Acq On : 11 Aug 2017 6:08  
 Operator : SJ/JU  
 Sample : I4504-19  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AB6

Quant Time: Aug 11 17:31:32 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE072417.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 11 06:07:04 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.92  | 152  | 3602     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.71 | 136  | 18746    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.52 | 164  | 12004    | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.26 | 188  | 26085    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.41 | 240  | 25676    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.91 | 264  | 27237    | 0.40 | ng/ul | 0.00     |

|                             |       |     |       |      |       |      |
|-----------------------------|-------|-----|-------|------|-------|------|
| System Monitoring Compounds |       |     |       |      |       |      |
| 4) 2-Methylnaphthalene-d10  | 12.28 | 152 | 4833  | 0.16 | ng/ul | 0.00 |
| 14) Fluoranthene-d10        | 19.27 | 212 | 12618 | 0.15 | ng/ul | 0.00 |

|                            |       |     |       |        |        |    |
|----------------------------|-------|-----|-------|--------|--------|----|
| Target Compounds           |       |     |       | Qvalue |        |    |
| 3) Naphthalene             | 10.75 | 128 | 7877  | 0.173  | ng/ul# | 96 |
| 5) 2-Methylnaphthalene     | 12.36 | 142 | 19494 | 0.586  | ng/ul  | 98 |
| 7) Acenaphthylene          | 14.24 | 152 | 2461  | 0.049  | ng/ul# | 51 |
| 8) Acenaphthene            | 14.58 | 153 | 4575  | 0.116  | ng/ul  | 95 |
| 9) Fluorene                | 15.57 | 166 | 20042 | 0.401  | ng/ul  | 91 |
| 12) Phenanthrene           | 17.29 | 178 | 54301 | 0.764  | ng/ul# | 91 |
| 13) Anthracene             | 17.38 | 178 | 16697 | 0.241  | ng/ul# | 82 |
| 15) Fluoranthene           | 19.30 | 202 | 20767 | 0.234  | ng/ul  | 82 |
| 17) Pyrene                 | 19.66 | 202 | 33361 | 0.445  | ng/ul# | 85 |
| 18) Benzo(a)anthracene     | 21.39 | 228 | 11449 | 0.154  | ng/ul# | 72 |
| 19) Chrysene               | 21.45 | 228 | 10499 | 0.147  | ng/ul# | 73 |
| 21) Benzo(b)fluoranthene   | 23.14 | 252 | 7791  | 0.092  | ng/ul# | 42 |
| 22) Benzo(k)fluoranthene   | 23.14 | 252 | 7791  | 0.094  | ng/ul# | 39 |
| 23) Benzo(a)pyrene         | 23.80 | 252 | 5796  | 0.072  | ng/ul# | 87 |
| 24) Indeno(1,2,3-cd)pyrene | 26.55 | 276 | 2695  | 0.030  | ng/ul# | 88 |
| 26) Benzo(g,h,i)perylene   | 27.37 | 276 | 1648  | 0.022  | ng/ul# | 56 |

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

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