

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE061517\  
 Data File : BE093238.D  
 Acq On : 16 Jun 2017 14:25  
 Operator : SJ/MA  
 Sample : I3521-06DL 10X  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F5C54DL

Quant Time: Jun 16 16:29:31 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE060717.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 16 05:36:31 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.74  | 152  | 2541     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.52 | 136  | 12708    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.37 | 164  | 7678     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.10 | 188  | 19236    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.26 | 240  | 18407    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.67 | 264  | 16905    | 0.40 | ng/ul | 0.00     |

|                             |       |     |      |      |       |      |
|-----------------------------|-------|-----|------|------|-------|------|
| System Monitoring Compounds |       |     |      |      |       |      |
| 4) 2-Methylnaphthalene-d10  | 12.11 | 152 | 792  | 0.04 | ng/ul | 0.00 |
| 14) Fluoranthene-d10        | 19.13 | 212 | 2290 | 0.04 | ng/ul | 0.00 |

|                            |       |     |       |        |        |    |
|----------------------------|-------|-----|-------|--------|--------|----|
| Target Compounds           |       |     |       | Qvalue |        |    |
| 3) Naphthalene             | 10.57 | 128 | 1393  | 0.044  | ng/ul# | 82 |
| 5) 2-Methylnaphthalene     | 12.19 | 142 | 384   | 0.018  | ng/ul  | 96 |
| 7) Acenaphthylene          | 14.09 | 152 | 4813  | 0.146  | ng/ul  | 97 |
| 8) Acenaphthene            | 14.43 | 153 | 338   | 0.013  | ng/ul# | 83 |
| 12) Phenanthrene           | 17.13 | 178 | 43480 | 0.822  | ng/ul# | 86 |
| 13) Anthracene             | 17.24 | 178 | 9476  | 0.206  | ng/ul# | 86 |
| 15) Fluoranthene           | 19.16 | 202 | 78447 | 1.209  | ng/ul  | 84 |
| 17) Pyrene                 | 19.52 | 202 | 56728 | 1.045  | ng/ul# | 87 |
| 18) Benzo(a)anthracene     | 21.25 | 228 | 15295 | 0.312  | ng/ul# | 51 |
| 19) Chrysene               | 21.30 | 228 | 33777 | 0.663  | ng/ul# | 74 |
| 21) Benzo(b)fluoranthene   | 22.94 | 252 | 48740 | 0.950  | ng/ul# | 76 |
| 22) Benzo(k)fluoranthene   | 22.94 | 252 | 48740 | 0.895  | ng/ul# | 73 |
| 23) Benzo(a)pyrene         | 23.56 | 252 | 11263 | 0.232  | ng/ul# | 46 |
| 24) Indeno(1,2,3-cd)pyrene | 26.19 | 276 | 11717 | 0.209  | ng/ul# | 90 |
| 25) Dibenzo(a,h)anthracene | 26.21 | 278 | 2731  | 0.058  | ng/ul# | 1  |
| 26) Benzo(g,h,i)perylene   | 26.97 | 276 | 9759  | 0.203  | ng/ul# | 45 |

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

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