

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE061417\  
 Data File : BE093198.D  
 Acq On : 15 Jun 2017 8:38  
 Operator : SJ/MA  
 Sample : I3521-12  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F5B94

Quant Time: Jun 15 11:19:39 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  | 3647     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.52 | 136  | 19476    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.37 | 164  | 12358    | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.10 | 188  | 28874    | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.26 | 240  | 28971    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.52 | 264  | 1222908  | 0.40   | ng/ul  | -0.14    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.11 | 152  | 6288     | 0.22   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.13 | 212  | 17417    | 0.22   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |        | Qvalue |          |
| 3) Naphthalene              | 10.57 | 128  | 22931    | 0.475  | ng/ul# | 91       |
| 5) 2-Methylnaphthalene      | 12.18 | 142  | 5331     | 0.161  | ng/ul  | 98       |
| 7) Acenaphthylene           | 14.09 | 152  | 70125    | 1.322  | ng/ul  | 96       |
| 8) Acenaphthene             | 14.43 | 153  | 6336     | 0.148  | ng/ul  | 98       |
| 9) Fluorene                 | 15.42 | 166  | 6054     | 0.121  | ng/ul  | 91       |
| 12) Phenanthrene            | 17.14 | 178  | 60613    | 0.763  | ng/ul# | 88       |
| 13) Anthracene              | 17.22 | 178  | 100591   | 1.454  | ng/ul# | 86       |
| 15) Fluoranthene            | 19.16 | 202  | 910156   | 9.342  | ng/ul  | 83       |
| 17) Pyrene                  | 19.52 | 202  | 930926   | 10.896 | ng/ul# | 88       |
| 18) Benzo(a)anthracene      | 21.24 | 228  | 707703   | 9.158  | ng/ul# | 84       |
| 19) Chrysene                | 21.30 | 228  | 697475   | 8.701  | ng/ul  | 97       |
| 21) Benzo(b)fluoranthene    | 22.93 | 252  | 845828   | 0.228  | ng/ul  | 87       |
| 22) Benzo(k)fluoranthene    | 22.93 | 252  | 1144568  | 0.290  | ng/ul# | 88       |
| 23) Benzo(a)pyrene          | 23.46 | 252  | 345097   | 0.098  | ng/ul# | 84       |
| 26) Benzo(g,h,i)perylene    | 26.96 | 276  | 182270   | 0.052  | ng/ul  | 97       |

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

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