

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE013015\  
 Data File : BE089446.D  
 Acq On : 30 Jan 2015 20:01  
 Operator : TP/IZ  
 Sample : PB81495BSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB81495BSD

Quant Time: Feb 02 00:10:49 2015  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SIMPAH-BE013015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jan 31 05:05:18 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 9.59  | 152  | 66092    | 5.00 | ng    | 0.00     |
| 2) Naphthalene-d8         | 12.50 | 136  | 277368   | 5.00 | ng    | 0.00     |
| 6) Acenaphthene-d10       | 16.69 | 164  | 136136   | 5.00 | ng    | -0.01    |
| 11) Phenanthrene-d10      | 19.99 | 188  | 209991   | 5.00 | ng    | 0.00     |
| 16) Chrysene-d12          | 23.85 | 240  | 168647   | 5.00 | ng    | 0.00     |
| 22) Perylene-d12          | 25.56 | 264  | 144970   | 5.00 | ng    | 0.00     |

|                             |       |     |        |      |    |      |
|-----------------------------|-------|-----|--------|------|----|------|
| System Monitoring Compounds |       |     |        |      |    |      |
| 3) Nitrobenzene-d5          | 10.85 | 82  | 111533 | 6.07 | ng | 0.00 |
| 7) 2-Fluorobiphenyl         | 15.13 | 172 | 201208 | 5.61 | ng | 0.00 |
| 18) Terphenyl-d14           | 22.48 | 244 | 158273 | 6.27 | ng | 0.00 |

|                            |       |     |         |        |    |     |
|----------------------------|-------|-----|---------|--------|----|-----|
| Target Compounds           |       |     |         | Qvalue |    |     |
| 4) Naphthalene             | 12.54 | 128 | 334462  | 5.14   | ng | 99  |
| 5) 2-Methylnaphthalene     | 14.21 | 142 | 203375  | 5.17   | ng | 99  |
| 8) Acenaphthylene          | 16.33 | 152 | 1154979 | 4.72   | ng | 100 |
| 9) Acenaphthene            | 16.76 | 154 | 169943  | 4.62   | ng | 99  |
| 10) Fluorene               | 18.01 | 166 | 192664  | 4.71   | ng | 100 |
| 12) Pentachlorophenol      | 19.66 | 266 | 25616   | 10.52  | ng | 95  |
| 13) Phenanthrene           | 20.03 | 178 | 1092425 | 5.29   | ng | 100 |
| 14) Anthracene             | 20.12 | 178 | 1073933 | 5.70   | ng | 100 |
| 15) Fluoranthene           | 21.91 | 202 | 241176  | 5.35   | ng | 99  |
| 17) Pyrene                 | 22.23 | 202 | 258870  | 5.79   | ng | 99  |
| 19) Benzo(a)anthracene     | 23.83 | 228 | 763571  | 5.38   | ng | 95  |
| 20) Chrysene               | 23.87 | 228 | 883641  | 5.52   | ng | 98  |
| 21) Indeno(1,2,3-cd)pyrene | 27.06 | 276 | 756065  | 5.41   | ng | 100 |
| 23) Benzo(b)fluoranthene   | 25.10 | 252 | 134657  | 5.21   | ng | 98  |
| 24) Benzo(k)fluoranthene   | 25.13 | 252 | 235828  | 6.39   | ng | 99  |
| 25) Benzo(a)pyrene         | 25.48 | 252 | 148272  | 5.65   | ng | 99  |
| 26) Dibenzo(a,h)anthracene | 27.10 | 278 | 162079  | 5.44   | ng | 97  |
| 27) Benzo(g,h,i)perylene   | 27.51 | 276 | 700122  | 6.04   | ng | 96  |

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

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