

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE013015\  
 Data File : BE089451.D  
 Acq On : 30 Jan 2015 23:53  
 Operator : TP/IZ  
 Sample : G1001-04  
 Misc : LOQ-SOIL-1.0ML  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 LOQ-SOIL2015-02

Quant Time: Feb 02 01:15:52 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  | 104393   | 5.00 | ng    | 0.00     |
| 2) Naphthalene-d8         | 12.50 | 136  | 426784   | 5.00 | ng    | 0.00     |
| 6) Acenaphthene-d10       | 16.69 | 164  | 207582   | 5.00 | ng    | -0.01    |
| 11) Phenanthrene-d10      | 20.00 | 188  | 340491   | 5.00 | ng    | 0.00     |
| 16) Chrysene-d12          | 23.84 | 240  | 285359   | 5.00 | ng    | 0.00     |
| 22) Perylene-d12          | 25.55 | 264  | 252993   | 5.00 | ng    | 0.00     |

|                             |       |     |        |      |    |      |
|-----------------------------|-------|-----|--------|------|----|------|
| System Monitoring Compounds |       |     |        |      |    |      |
| 3) Nitrobenzene-d5          | 10.85 | 82  | 244125 | 8.64 | ng | 0.00 |
| 7) 2-Fluorobiphenyl         | 15.13 | 172 | 381518 | 6.98 | ng | 0.00 |
| 18) Terphenyl-d14           | 22.48 | 244 | 351576 | 8.23 | ng | 0.00 |

|                            |       |     |       |           |    |      |
|----------------------------|-------|-----|-------|-----------|----|------|
| Target Compounds           |       |     |       | Qvalue    |    |      |
| 4) Naphthalene             | 12.55 | 128 | 12400 | 0.12      | ng | 99   |
| 5) 2-Methylnaphthalene     | 14.20 | 142 | 6850  | 0.11      | ng | 95   |
| 8) Acenaphthylene          | 16.34 | 152 | 35776 | 0.10      | ng | 99   |
| 9) Acenaphthene            | 16.76 | 154 | 6095  | 0.11      | ng | 97   |
| 10) Fluorene               | 18.02 | 166 | 6475  | 0.10      | ng | 99   |
| 12) Pentachlorophenol      | 19.66 | 266 | 178   | Below Cal |    | 90   |
| 13) Phenanthrene           | 20.03 | 178 | 41460 | 0.12      | ng | 98   |
| 14) Anthracene             | 20.12 | 178 | 33928 | 0.11      | ng | 99   |
| 15) Fluoranthene           | 21.91 | 202 | 7720  | 0.11      | ng | 99   |
| 17) Pyrene                 | 22.23 | 202 | 8332  | 0.11      | ng | 98   |
| 19) Benzo(a)anthracene     | 23.83 | 228 | 26114 | 0.11      | ng | 98   |
| 20) Chrysene               | 23.87 | 228 | 36542 | 0.13      | ng | 97   |
| 21) Indeno(1,2,3-cd)pyrene | 27.05 | 276 | 11566 | 0.05      | ng | 93   |
| 23) Benzo(b)fluoranthene   | 25.10 | 252 | 1990  | 0.23      | ng | # 85 |
| 24) Benzo(k)fluoranthene   | 25.13 | 252 | 5843m | 0.09      | ng |      |
| 25) Benzo(a)pyrene         | 25.48 | 252 | 2689  | 0.18      | ng | # 85 |
| 26) Dibenzo(a,h)anthracene | 27.08 | 278 | 1679  | 0.16      | ng | # 83 |
| 27) Benzo(g,h,i)perylene   | 27.51 | 276 | 15254 | 0.08      | ng | # 87 |

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

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