

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE020615\  
 Data File : BE089533.D  
 Acq On : 6 Feb 2015 19:05  
 Operator : TP/IZ  
 Sample : PB81495BS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB81495BS

Quant Time: Feb 07 04:36:09 2015  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SIMPAH-BE020615.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Feb 07 04:07:57 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 9.43  | 152  | 43913    | 5.00 | ng    | 0.00     |
| 2) Naphthalene-d8         | 12.33 | 136  | 171145   | 5.00 | ng    | 0.00     |
| 6) Acenaphthene-d10       | 16.52 | 164  | 72486    | 5.00 | ng    | 0.01     |
| 11) Phenanthrene-d10      | 19.85 | 188  | 136490   | 5.00 | ng    | 0.00     |
| 16) Chrysene-d12          | 23.72 | 240  | 155125   | 5.00 | ng    | 0.00     |
| 22) Perylene-d12          | 25.41 | 264  | 158265   | 5.00 | ng    | 0.00     |

|                             |       |     |        |      |    |      |
|-----------------------------|-------|-----|--------|------|----|------|
| System Monitoring Compounds |       |     |        |      |    |      |
| 3) Nitrobenzene-d5          | 10.69 | 82  | 88088  | 7.75 | ng | 0.00 |
| 7) 2-Fluorobiphenyl         | 14.97 | 172 | 152058 | 7.86 | ng | 0.00 |
| 18) Terphenyl-d14           | 22.37 | 244 | 194154 | 9.49 | ng | 0.00 |

|                            |       |     |         |        |    |     |
|----------------------------|-------|-----|---------|--------|----|-----|
| Target Compounds           |       |     |         | Qvalue |    |     |
| 4) Naphthalene             | 12.38 | 128 | 222571  | 5.77   | ng | 99  |
| 5) 2-Methylnaphthalene     | 14.04 | 142 | 139790  | 6.38   | ng | 99  |
| 8) Acenaphthylene          | 16.17 | 152 | 878697  | 7.21   | ng | 99  |
| 9) Acenaphthene            | 16.59 | 154 | 129121  | 6.67   | ng | 99  |
| 10) Fluorene               | 17.84 | 166 | 155048  | 7.55   | ng | 99  |
| 12) Pentachlorophenol      | 19.52 | 266 | 34275   | 15.46  | ng | 86  |
| 13) Phenanthrene           | 19.90 | 178 | 238896  | 7.06   | ng | 99  |
| 14) Anthracene             | 19.99 | 178 | 242706  | 8.50   | ng | 100 |
| 15) Fluoranthene           | 21.79 | 202 | 252769  | 8.02   | ng | 99  |
| 17) Pyrene                 | 22.11 | 202 | 271707  | 8.22   | ng | 99  |
| 19) Benzo(a)anthracene     | 23.71 | 228 | 1037212 | 7.51   | ng | 99  |
| 20) Chrysene               | 23.76 | 228 | 1062436 | 7.58   | ng | 99  |
| 21) Indeno(1,2,3-cd)pyrene | 26.86 | 276 | 1294752 | 6.64   | ng | 99  |
| 23) Benzo(b)fluoranthene   | 24.98 | 252 | 256684  | 8.35   | ng | 98  |
| 24) Benzo(k)fluoranthene   | 25.01 | 252 | 299405  | 7.84   | ng | 98  |
| 25) Benzo(a)pyrene         | 25.35 | 252 | 270016  | 8.83   | ng | 98  |
| 26) Dibenzo(a,h)anthracene | 26.89 | 278 | 288886  | 7.70   | ng | 98  |
| 27) Benzo(g,h,i)perylene   | 27.29 | 276 | 1112302 | 7.26   | ng | 98  |

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

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