

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE102414\  
 Data File : BE088241.D  
 Acq On : 25 Oct 2014 10:04  
 Operator : TP/JJ  
 Sample : SSTDCCC001  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC001EC

Manual Integrations  
 APPROVED

mohammad  
 10/28/2014 12:23:26 PM

Quant Time: Oct 27 15:06:17 2014  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SIM-PAH-BE102414.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 27 13:04:40 2014  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.12  | 152  | 35963    | 5.00  | ng    | 0.00     |
| 3) Naphthalene-d8           | 8.67  | 136  | 151363   | 5.00  | ng    | 0.00     |
| 7) Acenaphthene-d10         | 10.83 | 164  | 76453    | 5.00  | ng    | 0.00     |
| 12) Phenanthrene-d10        | 12.94 | 188  | 143399   | 5.00  | ng    | 0.00     |
| 16) Chrysene-d12            | 18.34 | 240  | 70043    | 5.00  | ng    | 0.00     |
| 22) Perylene-d12            | 21.40 | 264  | 60832    | 5.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 4) Nitrobenzene-d5          | 7.80  | 82   | 70517    | 6.27  | ng    | 0.00     |
| 8) 2-Fluorobiphenyl         | 10.02 | 172  | 155751   | 7.31  | ng    | 0.00     |
| 18) Terphenyl-d14           | 16.12 | 244  | 117387   | 10.23 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane              | 2.31  | 88   | 5131     | 1.02  | ng    | 98       |
| 5) Naphthalene              | 8.70  | 128  | 31512    | 1.02  | ng    | 98       |
| 6) 2-Methylnaphthalene      | 9.55  | 142  | 19839    | 1.07  | ng    | 97       |
| 9) Acenaphthylene           | 10.64 | 152  | 117193   | 1.03  | ng    | 100      |
| 10) Acenaphthene            | 10.86 | 154  | 17435    | 0.96  | ng    | 99       |
| 11) Fluorene                | 11.52 | 166  | 19178    | 1.04  | ng    | 100      |
| 13) Phenanthrene            | 12.97 | 178  | 162566   | 1.18  | ng    | 95       |
| 14) Anthracene              | 13.06 | 178  | 109449   | 1.07  | ng    | 99       |
| 15) Fluoranthene            | 15.21 | 202  | 32161    | 1.53  | ng    | 99       |
| 17) Pyrene                  | 15.67 | 202  | 30562    | 1.59  | ng    | 99       |
| 19) Benzo(a)anthracene      | 18.33 | 228  | 72432    | 1.31  | ng    | 100      |
| 20) Chrysene                | 18.40 | 228  | 72443    | 1.16  | ng    | 98       |
| 21) Indeno(1,2,3-cd)pyrene  | 23.58 | 276  | 68613m   | 1.25  | ng    |          |
| 23) Benzo(b)fluoranthene    | 20.64 | 252  | 16580    | 1.41  | ng    | 99       |
| 24) Benzo(k)fluoranthene    | 20.70 | 252  | 16009    | 1.02  | ng    | 100      |
| 25) Benzo(a)pyrene          | 21.28 | 252  | 14861    | 1.30  | ng    | 99       |
| 26) Dibenzo(a,h)anthracene  | 23.67 | 278  | 12301    | 1.18  | ng    | 100      |
| 27) Benzo(g,h,i)perylene    | 24.20 | 276  | 63288    | 1.30  | ng    | 100      |

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

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