

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE102414\  
 Data File : BE088215.D  
 Acq On : 24 Oct 2014 16:34  
 Operator : TP/JJ  
 Sample : SSTDICCC001  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICCC001

Manual Integrations  
 APPROVED

mohammad  
 10/28/2014 12:22:26 PM

Quant Time: Oct 27 12:58:16 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 12:38:23 2014  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.11  | 152  | 46788    | 5.00 | ng    | 0.00     |
| 3) Naphthalene-d8           | 8.68  | 136  | 179001   | 5.00 | ng    | 0.00     |
| 7) Acenaphthene-d10         | 10.82 | 164  | 82072    | 5.00 | ng    | 0.00     |
| 12) Phenanthrene-d10        | 12.94 | 188  | 144231   | 5.00 | ng    | 0.00     |
| 16) Chrysene-d12            | 18.34 | 240  | 82352    | 5.00 | ng    | 0.00     |
| 22) Perylene-d12            | 21.40 | 264  | 72563    | 5.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |      |       |          |
| 4) Nitrobenzene-d5          | 7.80  | 82   | 12256    | 1.12 | ng    | 0.00     |
| 8) 2-Fluorobiphenyl         | 10.01 | 172  | 23951    | 1.05 | ng    | 0.00     |
| 18) Terphenyl-d14           | 16.11 | 244  | 14312    | 1.06 | ng    | 0.00     |
| Target Compounds            |       |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane              | 2.40  | 88   | 6910     | 1.05 | ng    | 100      |
| 5) Naphthalene              | 8.70  | 128  | 38064    | 1.04 | ng    | 100      |
| 6) 2-Methylnaphthalene      | 9.55  | 142  | 23578    | 1.07 | ng    | 100      |
| 9) Acenaphthylene           | 10.64 | 152  | 132144   | 1.08 | ng    | 100      |
| 10) Acenaphthene            | 10.86 | 154  | 20249    | 1.04 | ng    | 100      |
| 11) Fluorene                | 11.52 | 166  | 21406    | 1.08 | ng    | 100      |
| 13) Phenanthrene            | 12.97 | 178  | 144603   | 1.21 | ng    | 96       |
| 14) Anthracene              | 13.06 | 178  | 109750   | 1.07 | ng    | 100      |
| 15) Fluoranthene            | 15.21 | 202  | 22313    | 1.06 | ng    | 100      |
| 17) Pyrene                  | 15.67 | 202  | 24333    | 1.08 | ng    | 100      |
| 19) Benzo(a)anthracene      | 18.32 | 228  | 65644    | 1.01 | ng    | 100      |
| 20) Chrysene                | 18.40 | 228  | 75595    | 1.03 | ng    | 100      |
| 21) Indeno(1,2,3-cd)pyrene  | 23.58 | 276  | 55710m   | 0.86 | ng    |          |
| 23) Benzo(b)fluoranthene    | 20.64 | 252  | 13057    | 1.10 | ng    | 100      |
| 24) Benzo(k)fluoranthene    | 20.70 | 252  | 19701    | 1.05 | ng    | 100      |
| 25) Benzo(a)pyrene          | 21.28 | 252  | 12726    | 1.09 | ng    | 100      |
| 26) Dibenzo(a,h)anthracene  | 23.67 | 278  | 11510    | 1.04 | ng    | 100      |
| 27) Benzo(g,h,i)perylene    | 24.20 | 276  | 59740    | 1.03 | ng    | 100      |

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

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