

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE103114\  
 Data File : BE088425.D  
 Acq On : 31 Oct 2014 16:28  
 Operator : TP/JJ  
 Sample : SSTDICC0.8  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.8

Manual Integrations  
 APPROVED

mohammad  
 11/4/2014 9:05:41 AM

Quant Time: Oct 31 23:39:19 2014  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SIM-PAH-BE103114.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Nov 01 00:20:37 2014  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.09  | 152  | 39809    | 5.00 | ng    | 0.00     |
| 3) Naphthalene-d8           | 8.65  | 136  | 152540   | 5.00 | ng    | 0.00     |
| 7) Acenaphthene-d10         | 10.79 | 164  | 72025    | 5.00 | ng    | 0.00     |
| 12) Phenanthrene-d10        | 12.90 | 188  | 136446   | 5.00 | ng    | 0.00     |
| 16) Chrysene-d12            | 18.31 | 240  | 66224    | 5.00 | ng    | 0.00     |
| 22) Perylene-d12            | 21.37 | 264  | 57595    | 5.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |      |       |          |
| 4) Nitrobenzene-d5          | 7.77  | 82   | 7452     | 0.67 | ng    | 0.00     |
| 8) 2-Fluorobiphenyl         | 9.98  | 172  | 13684    | 0.67 | ng    | 0.00     |
| 18) Terphenyl-d14           | 16.07 | 244  | 8112     | 0.67 | ng    | 0.00     |
| Target Compounds            |       |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane              | 2.37  | 88   | 3493     | 0.67 | ng    | 99       |
| 5) Naphthalene              | 8.67  | 128  | 21374    | 0.67 | ng    | 100      |
| 6) 2-Methylnaphthalene      | 9.52  | 142  | 13287    | 0.67 | ng    | 99       |
| 9) Acenaphthylene           | 10.62 | 152  | 78333    | 0.66 | ng    | 99       |
| 10) Acenaphthene            | 10.84 | 154  | 11565    | 0.66 | ng    | 98       |
| 11) Fluorene                | 11.50 | 166  | 12610    | 0.68 | ng    | 100      |
| 13) Phenanthrene            | 12.94 | 178  | 91607    | 0.66 | ng    | 99       |
| 14) Anthracene              | 13.02 | 178  | 68387    | 0.68 | ng    | 99       |
| 15) Fluoranthene            | 15.18 | 202  | 13654    | 0.68 | ng    | 100      |
| 17) Pyrene                  | 15.63 | 202  | 14502    | 0.67 | ng    | 100      |
| 19) Benzo(a)anthracene      | 18.29 | 228  | 40803    | 0.65 | ng    | 99       |
| 20) Chrysene                | 18.36 | 228  | 40800    | 0.66 | ng    | 99       |
| 21) Indeno(1,2,3-cd)pyrene  | 23.54 | 276  | 37243m   | 0.64 | ng    |          |
| 23) Benzo(b)fluoranthene    | 20.61 | 252  | 8322     | 0.66 | ng    | 100      |
| 24) Benzo(k)fluoranthene    | 20.67 | 252  | 9382     | 0.67 | ng    | 99       |
| 25) Benzo(a)pyrene          | 21.26 | 252  | 8057     | 0.67 | ng    | 99       |
| 26) Dibenzo(a,h)anthracene  | 23.64 | 278  | 7534     | 0.67 | ng    | 98       |
| 27) Benzo(g,h,i)perylene    | 24.17 | 276  | 34508    | 0.67 | ng    | 99       |

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

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