

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE121515\  
 Data File : BE091338.D  
 Acq On : 15 Dec 2015 1:05  
 Operator : UM/SJ  
 Sample : SSTD0.272  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTD0.272

Manual Integrations  
 APPROVED

MMdadoda  
 12/15/2015 6:15:09 PM

Quant Time: Dec 15 04:42:04 2015

Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM02.2-EPA-SIM-BE121515.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Dec 15 04:30:27 2015

Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.94  | 152  | 3031     | 0.40   | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 9.60  | 136  | 9831     | 0.40   | ng/ul  | 0.02     |
| 8) Acenaphthene-d10         | 13.38 | 164  | 2803     | 0.40   | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 16.10 | 188  | 9165     | 0.40   | ng/ul  | 0.00     |
| 18) Chrysene-d12            | 20.24 | 240  | 5913     | 0.40   | ng/ul  | 0.00     |
| 22) Perylene-d12            | 22.11 | 264  | 6326     | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 2) 1,4-Dioxane-d8           | 2.97  | 96   | 2139     | 0.86   | ng/uL  | 0.02     |
| 6) 2-Methylnaphthalene-d10  | 11.13 | 152  | 1281     | 0.17   | ng/ul  | 0.04     |
| 16) Fluoranthene-d10        | 18.08 | 212  | 3010     | 0.15   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) 1,4-Dioxane              | 2.99  | 88   | 2762     | 0.97   | ng/ul  | 92       |
| 5) Naphthalene              | 9.64  | 128  | 3683m    | 0.17   | ng/ul  |          |
| 7) 2-Methylnaphthalene      | 11.18 | 142  | 1491     | 0.17   | ng/ul  | 94       |
| 9) Acenaphthylene           | 13.13 | 152  | 2549     | 0.17   | ng/ul  | 97       |
| 10) Acenaphthene            | 13.43 | 153  | 2002     | 0.17   | ng/ul  | 94       |
| 11) Fluorene                | 14.44 | 166  | 2219     | 0.14   | ng/ul  | 97       |
| 13) Pentachlorophenol       | 15.91 | 266  | 120      | 0.22   | ng/ul# | 63       |
| 14) Phenanthrene            | 16.14 | 178  | 16169    | 0.17   | ng/ul  | 95       |
| 15) Anthracene              | 16.22 | 178  | 12857m   | 0.16   | ng/ul  |          |
| 17) Fluoranthene            | 18.11 | 202  | 14667    | 0.14   | ng/ul  | 90       |
| 19) Pyrene                  | 18.49 | 202  | 13134    | 0.19   | ng/ul  | 94       |
| 20) Benzo(a)anthracene      | 20.21 | 228  | 2316m    | 0.18   | ng/ul  |          |
| 21) Chrysene                | 20.27 | 228  | 3279     | 0.17   | ng/ul  | 98       |
| 23) Benzo(b)fluoranthene    | 21.56 | 252  | 3165     | 0.16   | ng/ul  | 91       |
| 24) Benzo(k)fluoranthene    | 21.59 | 252  | 3283     | 0.14   | ng/ul  | 95       |
| 25) Benzo(a)pyrene          | 22.02 | 252  | 3270     | 0.16   | ng/ul# | 87       |
| 26) Indeno(1,2,3-cd)pyrene  | 23.72 | 276  | 12196m   | 0.16   | ng/ul  |          |
| 27) Dibenzo(a,h)anthracene  | 23.68 | 278  | 2296     | 0.16   | ng/ul# | 77       |
| 28) Benzo(g,h,i)perylene    | 24.26 | 276  | 13790    | 0.17   | ng/ul  | 97       |

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

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