

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112215\  
 Data File : BE091294.D  
 Acq On : 22 Nov 2015 11:24  
 Operator : UM/NP  
 Sample : SSTDC00.4EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTD0.485

Quant Time: Nov 23 00:45:15 2015  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 23 00:41:30 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.90  | 152  | 2790     | 0.40   | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 9.57  | 136  | 13410    | 0.40   | ng/ul  | 0.00     |
| 8) Acenaphthene-d10         | 13.36 | 164  | 6196     | 0.40   | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 16.09 | 188  | 15759    | 0.40   | ng/ul  | 0.00     |
| 18) Chrysene-d12            | 20.23 | 240  | 16829    | 0.40   | ng/ul  | 0.00     |
| 22) Perylene-d12            | 22.11 | 264  | 13607    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 2) 1,4-Dioxane-d8           | 2.96  | 96   | 4238     | 2.11   | ng/uL  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.06 | 152  | 6909     | 0.38   | ng/ul  | 0.00     |
| 16) Fluoranthene-d10        | 18.07 | 212  | 15776    | 0.36   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) 1,4-Dioxane              | 2.98  | 88   | 4666     | 2.06   | ng/ul# | 65       |
| 5) Naphthalene              | 9.61  | 128  | 13594    | 0.41   | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 11.13 | 142  | 7949     | 0.37   | ng/ul  | 88       |
| 9) Acenaphthylene           | 13.12 | 152  | 13144    | 0.42   | ng/ul  | 98       |
| 10) Acenaphthene            | 13.42 | 153  | 9046     | 0.43   | ng/ul# | 87       |
| 11) Fluorene                | 14.42 | 166  | 11142    | 0.41   | ng/ul  | 90       |
| 13) Pentachlorophenol       | 15.87 | 266  | 409      | 0.27   | ng/ul  | 95       |
| 14) Phenanthrene            | 16.13 | 178  | 73428    | 0.40   | ng/ul  | 98       |
| 15) Anthracene              | 16.21 | 178  | 67368    | 0.41   | ng/ul  | 97       |
| 17) Fluoranthene            | 18.09 | 202  | 82092    | 0.39   | ng/ul  | 90       |
| 19) Pyrene                  | 18.49 | 202  | 75325    | 0.39   | ng/ul# | 79       |
| 20) Benzo(a)anthracene      | 20.20 | 228  | 16169    | 0.37   | ng/ul  | 98       |
| 21) Chrysene                | 20.26 | 228  | 20780    | 0.42   | ng/ul  | 97       |
| 23) Benzo(b)fluoranthene    | 21.56 | 252  | 17852    | 0.42   | ng/ul  | 94       |
| 24) Benzo(k)fluoranthene    | 21.58 | 252  | 19364    | 0.44   | ng/ul  | 93       |
| 25) Benzo(a)pyrene          | 22.02 | 252  | 16908    | 0.43   | ng/ul  | 92       |
| 26) Indeno(1,2,3-cd)pyrene  | 23.71 | 276  | 67890    | 0.41   | ng/ul# | 92       |
| 27) Dibenzo(a,h)anthracene  | 23.66 | 278  | 16047    | 0.41   | ng/ul# | 72       |
| 28) Benzo(g,h,i)perylene    | 24.26 | 276  | 72053    | 0.42   | ng/ul  | 94       |

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

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