

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102715\  
 Data File : BE091049.D  
 Acq On : 27 Oct 2015 11:44  
 Operator : UM/NP  
 Sample : SSTD0.491  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTD0.491

Manual Integrations  
 APPROVED

MmDadoda  
 10/28/2015 6:36:45 PM

Quant Time: Oct 27 12:56:41 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 : Tue Oct 27 13:19:37 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.91  | 152  | 4022     | 0.40   | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 9.59  | 136  | 18735    | 0.40   | ng/ul  | 0.00     |
| 8) Acenaphthene-d10         | 13.41 | 164  | 10464    | 0.40   | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 16.14 | 188  | 29449    | 0.40   | ng/ul  | 0.00     |
| 18) Chrysene-d12            | 20.29 | 240  | 33883    | 0.40   | ng/ul  | 0.00     |
| 22) Perylene-d12            | 22.19 | 264  | 29851    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 2) 1,4-Dioxane-d8           | 2.99  | 96   | 6068     | 0.42   | ng/uL  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.09 | 152  | 10529    | 0.41   | ng/ul  | 0.00     |
| 16) Fluoranthene-d10        | 18.13 | 212  | 32617    | 0.40   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) 1,4-Dioxane              | 3.01  | 88   | 6934     | 0.34   | ng/ul# | 72       |
| 5) Naphthalene              | 9.63  | 128  | 18927    | 0.41   | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 11.16 | 142  | 12402    | 0.37   | ng/ul  | 93       |
| 9) Acenaphthylene           | 13.15 | 152  | 21316    | 0.41   | ng/ul  | 99       |
| 10) Acenaphthene            | 13.47 | 153  | 14624    | 0.41   | ng/ul  | 93       |
| 11) Fluorene                | 14.45 | 166  | 18503    | 0.41   | ng/ul  | 93       |
| 13) Pentachlorophenol       | 15.89 | 266  | 917      | 0.43   | ng/ul  | 98       |
| 14) Phenanthrene            | 16.17 | 178  | 134679   | 0.40   | ng/ul  | 98       |
| 15) Anthracene              | 16.26 | 178  | 125220   | 0.41   | ng/ul  | 96       |
| 17) Fluoranthene            | 18.15 | 202  | 158925   | 0.40   | ng/ul  | 88       |
| 19) Pyrene                  | 18.54 | 202  | 156732   | 0.40   | ng/ul# | 79       |
| 20) Benzo(a)anthracene      | 20.26 | 228  | 34664    | 0.40   | ng/ul  | 97       |
| 21) Chrysene                | 20.32 | 228  | 40189    | 0.40   | ng/ul  | 97       |
| 23) Benzo(b)fluoranthene    | 21.63 | 252  | 37775    | 0.42   | ng/ul  | 94       |
| 24) Benzo(k)fluoranthene    | 21.65 | 252  | 39123    | 0.42   | ng/ul  | 94       |
| 25) Benzo(a)pyrene          | 22.09 | 252  | 34482    | 0.42   | ng/ul# | 94       |
| 26) Indeno(1,2,3-cd)pyrene  | 23.83 | 276  | 141862m  | 0.38   | ng/ul  |          |
| 27) Dibenzo(a,h)anthracene  | 23.79 | 278  | 34974    | 0.42   | ng/ul# | 72       |
| 28) Benzo(g,h,i)perylene    | 24.39 | 276  | 154886   | 0.41   | ng/ul  | 93       |

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

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