

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112315\  
 Data File : BE091310.D  
 Acq On : 23 Nov 2015 21:24  
 Operator : UM/NP  
 Sample : G4345-06RX  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 A4J48RX

Manual Integrations  
 APPROVED

Mmdadoda  
 11/24/2015 1:06:52 PM

Quant Time: Nov 24 03:14:33 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 Nov 24 02:51:08 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.87  | 152  | 2283     | 0.40   | ng/ul  | -0.03    |
| 4) Naphthalene-d8           | 9.55  | 136  | 11125    | 0.40   | ng/ul  | -0.02    |
| 8) Acenaphthene-d10         | 13.36 | 164  | 5924     | 0.40   | ng/ul  | -0.01    |
| 12) Phenanthrene-d10        | 16.08 | 188  | 16750    | 0.40   | ng/ul  | -0.01    |
| 18) Chrysene-d12            | 20.22 | 240  | 20692    | 0.40   | ng/ul  | 0.00     |
| 22) Perylene-d12            | 22.10 | 264  | 20531    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 2) 1,4-Dioxane-d8           | 2.94  | 96   | 7305     | 4.45   | ng/uL  | -0.01    |
| 6) 2-Methylnaphthalene-d10  | 11.06 | 152  | 1552     | 0.10   | ng/ul  | 0.00     |
| 16) Fluoranthene-d10        | 18.06 | 212  | 4261     | 0.09   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 5) Naphthalene              | 9.59  | 128  | 5022     | 0.18   | ng/ul  | 97       |
| 7) 2-Methylnaphthalene      | 11.13 | 142  | 1681     | 0.09   | ng/ul  | 99       |
| 9) Acenaphthylene           | 13.11 | 152  | 8501     | 0.29   | ng/ul  | 98       |
| 10) Acenaphthene            | 13.42 | 153  | 7772     | 0.38   | ng/ul# | 88       |
| 11) Fluorene                | 14.40 | 166  | 10259    | 0.39   | ng/ul  | 96       |
| 14) Phenanthrene            | 16.11 | 178  | 826150   | 4.27   | ng/ul  | 99       |
| 15) Anthracene              | 16.20 | 178  | 165408   | 0.94   | ng/ul  | 95       |
| 17) Fluoranthene            | 18.09 | 202  | 1548329  | 6.84   | ng/ul  | 89       |
| 19) Pyrene                  | 18.47 | 202  | 1454122  | 6.19   | ng/ul# | 79       |
| 20) Benzo(a)anthracene      | 20.19 | 228  | 165058m  | 3.11   | ng/ul  |          |
| 21) Chrysene                | 20.26 | 228  | 190836   | 3.12   | ng/ul  | 97       |
| 23) Benzo(b)fluoranthene    | 21.55 | 252  | 142864   | 2.23   | ng/ul  | 94       |
| 24) Benzo(k)fluoranthene    | 21.58 | 252  | 155878   | 2.37   | ng/ul  | 94       |
| 25) Benzo(a)pyrene          | 22.01 | 252  | 166778   | 2.82   | ng/ul  | 92       |
| 26) Indeno(1,2,3-cd)pyrene  | 23.70 | 276  | 408338   | 1.64   | ng/ul# | 91       |
| 27) Dibenzo(a,h)anthracene  | 23.64 | 278  | 31943    | 0.54   | ng/ul# | 73       |
| 28) Benzo(g,h,i)perylene    | 24.25 | 276  | 430172   | 1.65   | ng/ul  | 95       |

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

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