

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112415\  
 Data File : BE091319.D  
 Acq On : 24 Nov 2015 11:17  
 Operator : UM/NP  
 Sample : G4345-06RXDL 5X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 A4J48RXDL

Manual Integrations  
 APPROVED

Mmdadoda  
 11/24/2015 1:36:26 PM

Quant Time: Nov 24 12:02:30 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   | 6.89  | 152  | 2043     | 0.40   | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 9.56  | 136  | 9491     | 0.40   | ng/ul  | 0.00     |
| 8) Acenaphthene-d10         | 13.36 | 164  | 4633     | 0.40   | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 16.09 | 188  | 13439    | 0.40   | ng/ul  | 0.00     |
| 18) Chrysene-d12            | 20.22 | 240  | 15776    | 0.40   | ng/ul  | 0.00     |
| 22) Perylene-d12            | 22.10 | 264  | 13844    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 2) 1,4-Dioxane-d8           | 2.99  | 96   | 1242     | 0.85   | ng/uL  | 0.03     |
| 6) 2-Methylnaphthalene-d10  | 11.08 | 152  | 241      | 0.02   | ng/ul  | 0.02     |
| 16) Fluoranthene-d10        | 18.06 | 212  | 675      | 0.02   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 5) Naphthalene              | 9.61  | 128  | 910      | 0.04   | ng/ul# | 75       |
| 9) Acenaphthylene           | 13.12 | 152  | 1583     | 0.07   | ng/ul# | 93       |
| 10) Acenaphthene            | 13.42 | 153  | 1295     | 0.08   | ng/ul# | 83       |
| 11) Fluorene                | 14.41 | 166  | 1805     | 0.09   | ng/ul# | 93       |
| 14) Phenanthrene            | 16.11 | 178  | 141556   | 0.91   | ng/ul  | 97       |
| 15) Anthracene              | 16.20 | 178  | 30413    | 0.22   | ng/ul  | 97       |
| 17) Fluoranthene            | 18.09 | 202  | 264472   | 1.46   | ng/ul  | 90       |
| 19) Pyrene                  | 18.47 | 202  | 254586   | 1.42   | ng/ul# | 80       |
| 20) Benzo(a)anthracene      | 20.20 | 228  | 24302m   | 0.60   | ng/ul  |          |
| 21) Chrysene                | 20.26 | 228  | 32479    | 0.70   | ng/ul  | 99       |
| 23) Benzo(b)fluoranthene    | 21.55 | 252  | 24891    | 0.58   | ng/ul  | 95       |
| 24) Benzo(k)fluoranthene    | 21.57 | 252  | 23974    | 0.54   | ng/ul  | 95       |
| 25) Benzo(a)pyrene          | 22.01 | 252  | 27605    | 0.69   | ng/ul  | 92       |
| 26) Indeno(1,2,3-cd)pyrene  | 23.70 | 276  | 60807    | 0.36   | ng/ul# | 90       |
| 27) Dibenzo(a,h)anthracene  | 23.65 | 278  | 4485     | 0.11   | ng/ul# | 71       |
| 28) Benzo(a,h,i)perylene    | 24.26 | 276  | 68357    | 0.39   | ng/ul  | 95       |

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

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