

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111115\  
 Data File : BE091141.D  
 Acq On : 12 Nov 2015 12:41  
 Operator : UM/NP  
 Sample : G4322-14  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 A4HS5

Manual Integrations  
 APPROVED

Mmdadoda  
 11/16/2015 12:42:31 PM

Quant Time: Nov 13 16:48:18 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 : Fri Nov 13 13:56:00 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.89  | 152  | 3242     | 0.40   | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 9.57  | 136  | 18372    | 0.40   | ng/ul  | 0.00     |
| 8) Acenaphthene-d10         | 13.40 | 164  | 11422    | 0.40   | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 16.12 | 188  | 28293m   | 0.40   | ng/ul  | -0.01    |
| 18) Chrysene-d12            | 20.28 | 240  | 38324    | 0.40   | ng/ul  | 0.00     |
| 22) Perylene-d12            | 22.19 | 264  | 43093    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 2) 1,4-Dioxane-d8           | 2.92  | 96   | 9120     | 3.91   | ng/uL  | -0.03    |
| 6) 2-Methylnaphthalene-d10  | 11.07 | 152  | 3139     | 0.13   | ng/ul  | 0.00     |
| 16) Fluoranthene-d10        | 18.12 | 212  | 9208     | 0.12   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 5) Naphthalene              | 9.61  | 128  | 1817     | 0.04   | ng/ul# | 84       |
| 9) Acenaphthylene           | 13.14 | 152  | 7274     | 0.13   | ng/ul  | 98       |
| 11) Fluorene                | 14.45 | 166  | 1958     | 0.04   | ng/ul# | 90       |
| 14) Phenanthrene            | 16.16 | 178  | 210421   | 0.64   | ng/ul  | 97       |
| 15) Anthracene              | 16.25 | 178  | 44810m   | 0.15   | ng/ul  |          |
| 17) Fluoranthene            | 18.15 | 202  | 522786m  | 1.37   | ng/ul  |          |
| 19) Pyrene                  | 18.53 | 202  | 487807   | 1.12   | ng/ul# | 80       |
| 20) Benzo(a)anthracene      | 20.26 | 228  | 54485    | 0.55   | ng/ul  | 97       |
| 21) Chrysene                | 20.31 | 228  | 72642    | 0.64   | ng/ul  | 99       |
| 23) Benzo(b)fluoranthene    | 21.63 | 252  | 61910    | 0.46   | ng/ul  | 95       |
| 24) Benzo(k)fluoranthene    | 21.65 | 252  | 65499    | 0.47   | ng/ul  | 95       |
| 25) Benzo(a)pyrene          | 22.09 | 252  | 66598    | 0.54   | ng/ul  | 92       |
| 26) Indeno(1,2,3-cd)pyrene  | 23.83 | 276  | 191129m  | 0.37   | ng/ul  |          |
| 27) Dibenzo(a,h)anthracene  | 23.78 | 278  | 10900    | 0.09   | ng/ul# | 72       |
| 28) Benzo(a,h,i)perylene    | 24.39 | 276  | 176356   | 0.32   | ng/ul  | 95       |

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

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