

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112315\  
 Data File : BE091298.D  
 Acq On : 23 Nov 2015 13:30  
 Operator : UM/NP  
 Sample : G4322-08RX  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 A4HR9RX

Manual Integrations  
 APPROVED

Mmdadoda  
 11/24/2015 1:06:35 PM

Quant Time: Nov 24 02:22:24 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 00:31:29 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.87  | 152  | 2959     | 0.40   | ng/ul  | -0.03    |
| 4) Naphthalene-d8           | 9.55  | 136  | 14142    | 0.40   | ng/ul  | -0.02    |
| 8) Acenaphthene-d10         | 13.36 | 164  | 6737     | 0.40   | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 16.08 | 188  | 16962    | 0.40   | ng/ul  | -0.01    |
| 18) Chrysene-d12            | 20.23 | 240  | 21242    | 0.40   | ng/ul  | 0.00     |
| 22) Perylene-d12            | 22.10 | 264  | 21156    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 2) 1,4-Dioxane-d8           | 2.94  | 96   | 9054     | 4.25   | ng/uL  | -0.01    |
| 6) 2-Methylnaphthalene-d10  | 11.06 | 152  | 1356     | 0.07   | ng/ul  | 0.00     |
| 16) Fluoranthene-d10        | 18.06 | 212  | 2886     | 0.06   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 5) Naphthalene              | 9.59  | 128  | 106575   | 3.06   | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 11.13 | 142  | 4555     | 0.20   | ng/ul  | 96       |
| 9) Acenaphthylene           | 13.11 | 152  | 3297     | 0.10   | ng/ul  | 97       |
| 10) Acenaphthene            | 13.42 | 153  | 4789     | 0.21   | ng/ul  | 90       |
| 11) Fluorene                | 14.41 | 166  | 6394     | 0.22   | ng/ul# | 90       |
| 14) Phenanthrene            | 16.11 | 178  | 714625   | 3.65   | ng/ul  | 98       |
| 15) Anthracene              | 16.20 | 178  | 155482m  | 0.87   | ng/ul  |          |
| 17) Fluoranthene            | 18.09 | 202  | 852234   | 3.72   | ng/ul  | 89       |
| 19) Pyrene                  | 18.47 | 202  | 1224149  | 5.07   | ng/ul# | 78       |
| 20) Benzo(a)anthracene      | 20.19 | 228  | 129850m  | 2.38   | ng/ul  |          |
| 21) Chrysene                | 20.25 | 228  | 136253   | 2.17   | ng/ul  | 97       |
| 23) Benzo(b)fluoranthene    | 21.55 | 252  | 68056    | 1.03   | ng/ul  | 97       |
| 24) Benzo(k)fluoranthene    | 21.58 | 252  | 82798    | 1.22   | ng/ul# | 91       |
| 25) Benzo(a)pyrene          | 22.01 | 252  | 104794   | 1.72   | ng/ul  | 95       |
| 26) Indeno(1,2,3-cd)pyrene  | 23.70 | 276  | 197960   | 0.77   | ng/ul# | 90       |
| 27) Dibenzo(a,h)anthracene  | 23.65 | 278  | 19090    | 0.31   | ng/ul# | 69       |
| 28) Benzo(g,h,i)perylene    | 24.25 | 276  | 213256   | 0.79   | ng/ul  | 97       |

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

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