

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112015\  
 Data File : BM003238.D  
 Acq On : 21 Nov 2015 01:20  
 Operator : UM/IZ  
 Sample : G4322-22RX  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4HT1RX

Manual Integrations  
 APPROVED

Mmdadoda  
 11/23/2015 6:59:18 PM

Quant Time: Nov 23 11:56:20 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Nov 21 04:24:04 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.74  | 152  | 12363    | 0.40   | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.53 | 136  | 48108    | 0.40   | ng/ul  | 0.00     |
| 8) Acenaphthene-d10         | 14.38 | 164  | 27182    | 0.40   | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.12 | 188  | 56973    | 0.40   | ng/ul  | 0.00     |
| 18) Chrysene-d12            | 21.32 | 240  | 57548    | 0.40   | ng/ul  | -0.01    |
| 22) Perylene-d12            | 23.58 | 264  | 57174    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 2) 1,4-Dioxane-d8           | 3.20  | 96   | 49643    | 3.76   | ng/uL  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.12 | 152  | 11147    | 0.17   | ng/ul  | 0.00     |
| 16) Fluoranthene-d10        | 19.17 | 212  | 13981    | 0.10   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 5) Naphthalene              | 10.57 | 128  | 12637    | 0.10   | ng/ul# | 94       |
| 9) Acenaphthylene           | 14.09 | 152  | 15503    | 0.14   | ng/ul  | 98       |
| 10) Acenaphthene            | 14.43 | 153  | 3703     | 0.04   | ng/ul# | 77       |
| 11) Fluorene                | 15.44 | 166  | 5892     | 0.06   | ng/ul# | 94       |
| 13) Pentachlorophenol       | 16.78 | 266  | 1016     | 0.08   | ng/ul  | 94       |
| 14) Phenanthrene            | 17.16 | 178  | 166106m  | 1.00   | ng/ul  |          |
| 15) Anthracene              | 17.26 | 178  | 28865    | 0.21   | ng/ul  | 98       |
| 17) Fluoranthene            | 19.19 | 202  | 367018   | 2.00   | ng/ul  | 99       |
| 19) Pyrene                  | 19.55 | 202  | 322852   | 1.64   | ng/ul  | 99       |
| 20) Benzo(a)anthracene      | 21.30 | 228  | 148385   | 0.89   | ng/ul# | 89       |
| 21) Chrysene                | 21.35 | 228  | 179351m  | 0.95   | ng/ul  |          |
| 23) Benzo(b)fluoranthene    | 22.90 | 252  | 240654m  | 1.11   | ng/ul  |          |
| 24) Benzo(k)fluoranthene    | 22.94 | 252  | 78726m   | 0.38   | ng/ul  |          |
| 25) Benzo(a)pyrene          | 23.48 | 252  | 150388   | 0.78   | ng/ul  | 98       |
| 26) Indeno(1,2,3-cd)pyrene  | 25.86 | 276  | 108684   | 0.47   | ng/ul# | 93       |
| 27) Dibenzo(a,h)anthracene  | 25.87 | 278  | 25609    | 0.14   | ng/ul# | 81       |
| 28) Benzo(g,h,i)perylene    | 26.56 | 276  | 92728    | 0.46   | ng/ul  | 99       |

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

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