

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121615\  
 Data File : BM003583.D  
 Acq On : 16 Dec 2015 18:30  
 Operator : UM/IZ  
 Sample : G4767-07  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 D9N29

Manual Integrations  
 APPROVED

MMdadoda  
 12/17/2015 5:36:05 PM

Quant Time: Dec 17 07:14:45 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 17 02:56:38 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.71  | 152  | 5237     | 0.40   | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.51 | 136  | 22561    | 0.40   | ng/ul  | 0.01     |
| 8) Acenaphthene-d10         | 14.35 | 164  | 49633    | 0.40   | ng/ul  | -0.02    |
| 12) Phenanthrene-d10        | 17.12 | 188  | 27893    | 0.40   | ng/ul  | 0.02     |
| 18) Chrysene-d12            | 21.31 | 240  | 31008    | 0.40   | ng/ul  | 0.00     |
| 22) Perylene-d12            | 23.57 | 264  | 27655m   | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 2) 1,4-Dioxane-d8           | 3.17  | 96   | 13061    | 5.83   | ng/uL  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.10 | 152  | 4928     | 0.18   | ng/ul  | 0.00     |
| 16) Fluoranthene-d10        | 19.04 | 212  | 52364m   | 0.88   | ng/ul  | -0.11    |
| Target Compounds            |       |      |          |        |        |          |
|                             |       |      |          |        | Ovalue |          |
| 5) Naphthalene              | 10.57 | 128  | 15541318 | 305.77 | ng/ul# | 93       |
| 7) 2-Methylnaphthalene      | 12.18 | 142  | 8810896  | 258.22 | ng/ul  | 96       |
| 9) Acenaphthylene           | 14.07 | 152  | 1220861  | 6.44   | ng/ul# | 93       |
| 10) Acenaphthene            | 14.43 | 153  | 13063376 | 85.49  | ng/ul# | 83       |
| 11) Fluorene                | 15.44 | 166  | 12961181 | 76.51  | ng/ul  | 95       |
| 13) Pentachlorophenol       | 16.80 | 266  | 358      | 0.09   | ng/ul  | 96       |
| 14) Phenanthrene            | 17.19 | 178  | 30717693 | 426.97 | ng/ul# | 81       |
| 15) Anthracene              | 17.26 | 178  | 10266106 | 164.95 | ng/ul# | 90       |
| 17) Fluoranthene            | 19.21 | 202  | 20924119 | 267.82 | ng/ul  | 85       |
| 19) Pyrene                  | 19.57 | 202  | 15971372 | 190.80 | ng/ul# | 86       |
| 20) Benzo(a)anthracene      | 21.29 | 228  | 4679399  | 61.81  | ng/ul# | 90       |
| 21) Chrysene                | 21.36 | 228  | 3582179  | 41.30  | ng/ul  | 95       |
| 23) Benzo(b)fluoranthene    | 22.89 | 252  | 2060753m | 21.83  | ng/ul  |          |
| 24) Benzo(k)fluoranthene    | 22.92 | 252  | 828448m  | 9.68   | ng/ul  |          |
| 25) Benzo(a)pyrene          | 23.46 | 252  | 1214283m | 15.25  | ng/ul  |          |
| 26) Indeno(1,2,3-cd)pyrene  | 25.83 | 276  | 340524m  | 3.69   | ng/ul  |          |
| 27) Dibenzo(a,h)anthracene  | 25.83 | 278  | 92033m   | 1.24   | ng/ul  |          |
| 28) Benzo(a,h,i)perylene    | 26.52 | 276  | 260436m  | 3.24   | ng/ul  |          |

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

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