

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032516\  
 Data File : BM004782.D  
 Acq On : 25 Mar 2016 17:52  
 Operator : UM/SJ  
 Sample : H1909-06  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4T42

Manual Integrations  
 APPROVED

Sohil  
 4/6/2016 1:28:47 PM

Quant Time: Apr 05 19:05:24 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 05 18:29:16 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.84  | 152  | 1067     | 0.40   | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.62 | 136  | 4934     | 0.40   | ng/ul  | 0.00     |
| 8) Acenaphthene-d10         | 14.47 | 164  | 3093     | 0.40   | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.21 | 188  | 7081m    | 0.40   | ng/ul  | 0.00     |
| 18) Chrysene-d12            | 21.39 | 240  | 6762     | 0.40   | ng/ul  | -0.01    |
| 22) Perylene-d12            | 23.68 | 264  | 5821m    | 0.40   | ng/ul  | -0.01    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 2) 1,4-Dioxane-d8           | 3.32  | 96   | 3847     | 8.00   | ng/uL  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.21 | 152  | 1684     | 0.24   | ng/ul  | 0.00     |
| 16) Fluoranthene-d10        | 19.24 | 212  | 3937     | 0.24   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 5) Naphthalene              | 10.67 | 128  | 289      | 0.02   | ng/ul# | 39       |
| 9) Acenaphthylene           | 14.18 | 152  | 615      | 0.04   | ng/ul# | 80       |
| 14) Phenanthrene            | 17.24 | 178  | 3952m    | 0.20   | ng/ul  |          |
| 15) Anthracene              | 17.33 | 178  | 930      | 0.05   | ng/ul# | 78       |
| 17) Fluoranthene            | 19.27 | 202  | 9157     | 0.40   | ng/ul  | 97       |
| 19) Pyrene                  | 19.63 | 202  | 8843     | 0.38   | ng/ul  | 96       |
| 20) Benzo(a)anthracene      | 21.37 | 228  | 4454     | 0.21   | ng/ul# | 89       |
| 21) Chrysene                | 21.43 | 228  | 4196     | 0.21   | ng/ul# | 93       |
| 23) Benzo(b)fluoranthene    | 22.99 | 252  | 5755m    | 0.29   | ng/ul  |          |
| 24) Benzo(k)fluoranthene    | 23.01 | 252  | 2348m    | 0.13   | ng/ul  |          |
| 25) Benzo(a)pyrene          | 23.58 | 252  | 5077m    | 0.28   | ng/ul  |          |
| 26) Indeno(1,2,3-cd)pyrene  | 25.99 | 276  | 2410m    | 0.15   | ng/ul  |          |
| 27) Dibenzo(a,h)anthracene  | 26.02 | 278  | 622m     | 0.05   | ng/ul  |          |
| 28) Benzo(g,h,i)perylene    | 26.71 | 276  | 2184m    | 0.16   | ng/ul  |          |

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

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