

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM061316\  
 Data File : BM005772.D  
 Acq On : 13 Jun 2016 16:37  
 Operator : UM/SJ  
 Sample : SSTD0.260  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.260

Manual Integrations  
 APPROVED

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 6/14/2016 5:06:25 PM

Quant Time: Jun 13 19:33:05 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM061316.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 13 19:21:01 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.76  | 152  | 6467     | 0.40   | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.55 | 136  | 24281    | 0.40   | ng/ul  | 0.00     |
| 8) Acenaphthene-d10         | 14.38 | 164  | 15932    | 0.40   | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.14 | 188  | 23267    | 0.40   | ng/ul  | 0.00     |
| 18) Chrysene-d12            | 21.33 | 240  | 23986    | 0.40   | ng/ul  | 0.00     |
| 22) Perylene-d12            | 23.58 | 264  | 24270    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 2) 1,4-Dioxane-d8           | 3.20  | 96   | 3159     | 1.08   | ng/uL  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.15 | 152  | 5710     | 0.17   | ng/ul  | 0.01     |
| 16) Fluoranthene-d10        | 19.17 | 212  | 10181    | 0.19   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) 1,4-Dioxane              | 3.23  | 88   | 4593     | 1.29   | ng/ul# | 14       |
| 5) Naphthalene              | 10.60 | 128  | 10794    | 0.18   | ng/ul# | 92       |
| 7) 2-Methylnaphthalene      | 12.23 | 142  | 7210     | 0.17   | ng/ul  | 96       |
| 9) Acenaphthylene           | 14.11 | 152  | 13724    | 0.19   | ng/ul  | 95       |
| 10) Acenaphthene            | 14.45 | 153  | 9969     | 0.19   | ng/ul  | 92       |
| 11) Fluorene                | 15.46 | 166  | 8727     | 0.14   | ng/ul  | 91       |
| 13) Pentachlorophenol       | 16.83 | 266  | 291      | 0.05   | ng/ul# | 89       |
| 14) Phenanthrene            | 17.19 | 178  | 10278    | 0.16   | ng/ul# | 94       |
| 15) Anthracene              | 17.28 | 178  | 15441m   | 0.25   | ng/ul  |          |
| 17) Fluoranthene            | 19.20 | 202  | 14508    | 0.19   | ng/ul  | 92       |
| 19) Pyrene                  | 19.56 | 202  | 15769    | 0.19   | ng/ul  | 97       |
| 20) Benzo(a)anthracene      | 21.31 | 228  | 10745    | 0.15   | ng/ul# | 88       |
| 21) Chrysene                | 21.36 | 228  | 16630    | 0.23   | ng/ul# | 91       |
| 23) Benzo(b)fluoranthene    | 22.90 | 252  | 13398    | 0.16   | ng/ul  | 78       |
| 24) Benzo(k)fluoranthene    | 22.94 | 252  | 15798    | 0.21   | ng/ul# | 81       |
| 25) Benzo(a)pyrene          | 23.49 | 252  | 14666    | 0.20   | ng/ul# | 73       |
| 26) Indeno(1,2,3-cd)pyrene  | 25.87 | 276  | 16808    | 0.24   | ng/ul# | 92       |
| 27) Dibenzo(a,h)anthracene  | 25.88 | 278  | 12871    | 0.24   | ng/ul# | 76       |
| 28) Benzo(g,h,i)perylene    | 26.56 | 276  | 14810    | 0.26   | ng/ul# | 89       |

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

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