

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM111017\  
 Data File : BM012858.D  
 Acq On : 10 Nov 2017 11:54  
 Operator : SJ/JU  
 Sample : SSTD00510  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD00510

Manual Integrations  
 APPROVED

SOHIL  
 11/13/2017 4:50:17 PM

Quant Time: Nov 10 14:14:01 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111017MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Nov 10 14:08:02 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.79  | 152  | 54938    | 20.00  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.58 | 136  | 206019   | 20.00  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.43 | 164  | 120297   | 20.00  | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.18 | 188  | 285007   | 20.00  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.36 | 240  | 357562   | 20.00  | ng/ul  | 0.00     |
| 22) Perylene-d12            | 23.64 | 264  | 408597   | 20.00  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 7) Acenaphthylene-d8        | 14.13 | 160  | 62967    | 5.03   | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.43 | 176  | 44675    | 4.92   | ng/ul  | 0.00     |
| 14) Anthracene-d10          | 17.28 | 188  | 70327    | 5.09   | ng/ul  | 0.00     |
| 18) Pyrene-d10              | 19.57 | 212  | 81577    | 4.46   | ng/ul  | 0.00     |
| 25) Benzo(a)pyrene-d12      | 23.50 | 264  | 99188    | 5.07   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.63 | 128  | 52697    | 4.913  | ng/ul  | 98       |
| 4) 2-Methylnaphthalene      | 12.25 | 142  | 38825    | 4.770  | ng/ul  | 99       |
| 5) 1-Methylnaphthalene      | 12.47 | 142  | 38166    | 4.913  | ng/ul# | 91       |
| 8) Acenaphthylene           | 14.16 | 152  | 61610    | 5.115  | ng/ul  | 97       |
| 9) Acenaphthene             | 14.50 | 153  | 41082    | 5.011  | ng/ul  | 97       |
| 11) Fluorene                | 15.49 | 166  | 50532    | 5.267  | ng/ul  | 91       |
| 13) Phenanthrene            | 17.22 | 178  | 79449    | 5.226  | ng/ul  | 100      |
| 15) Anthracene              | 17.32 | 178  | 83100    | 5.343  | ng/ul  | 97       |
| 16) Fluoranthene            | 19.24 | 202  | 99119    | 5.562  | ng/ul# | 91       |
| 19) Pyrene                  | 19.60 | 202  | 103495   | 4.643  | ng/ul# | 91       |
| 20) Benzo(a)anthracene      | 21.35 | 228  | 114766   | 5.450  | ng/ul  | 99       |
| 21) Chrysene                | 21.40 | 228  | 101454   | 5.262  | ng/ul  | 98       |
| 23) Benzo(b)fluoranthene    | 22.96 | 252  | 125216   | 5.123  | ng/ul  | 97       |
| 24) Benzo(k)fluoranthene    | 23.00 | 252  | 117681m  | 4.933  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.54 | 252  | 119322   | 5.026  | ng/ul  | 95       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.96 | 276  | 155407   | 5.767  | ng/ul  | 96       |
| 28) Dibenzo(a,h)anthracene  | 25.96 | 278  | 131205   | 5.881  | ng/ul  | 97       |
| 29) Benzo(a,h,i)perylene    | 26.67 | 276  | 128652   | 5.790  | ng/ul# | 95       |

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

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