

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\  
 Data File : BN000339.D  
 Acq On : 13 Mar 2018 09:29  
 Operator : JU/SJ  
 Sample : J1844-06 5X  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DAM76

Manual Integrations  
 APPROVED

Sohil  
 3/14/2018 5:45:34 PM

Quant Time: Mar 14 05:48:40 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Mar 14 05:40:51 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|---------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.45  | 152  | 307693   | 20.00   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 11.29 | 136  | 1383792  | 20.00   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 15.06 | 164  | 730108   | 20.00   | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.79 | 188  | 1511519  | 20.00   | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.91 | 240  | 1329878  | 20.00   | ng/ul  | 0.00     |
| 22) Perylene-d12            | 24.39 | 264  | 1209183  | 20.00   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |         |        |          |
| 7) Acenaphthylene-d8        | 14.76 | 160  | 374199   | 5.16    | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 16.04 | 176  | 259013   | 5.28    | ng/ul  | 0.00     |
| 14) Anthracene-d10          | 17.89 | 188  | 380731   | 5.39    | ng/ul  | 0.00     |
| 18) Pyrene-d10              | 20.14 | 212  | 402982   | 6.19    | ng/ul  | 0.00     |
| 25) Benzo(a)pyrene-d12      | 24.23 | 264  | 297171   | 5.38    | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue  |        |          |
| 3) Naphthalene              | 11.34 | 128  | 860891   | 11.789  | ng/ul  | 99       |
| 4) 2-Methylnaphthalene      | 12.92 | 142  | 210850   | 4.102   | ng/ul  | 95       |
| 5) 1-Methylnaphthalene      | 13.13 | 142  | 102165   | 1.980   | ng/ul  | 96       |
| 9) Acenaphthene             | 15.13 | 153  | 714455   | 14.097  | ng/ul  | 96       |
| 11) Fluorene                | 16.10 | 166  | 838876   | 15.007  | ng/ul  | 92       |
| 13) Phenanthrene            | 17.83 | 178  | 8313896  | 95.909  | ng/ul  | 96       |
| 15) Anthracene              | 17.92 | 178  | 2376052  | 27.014  | ng/ul  | 99       |
| 16) Fluoranthene            | 19.82 | 202  | 9794504  | 104.576 | ng/ul# | 90       |
| 19) Pyrene                  | 20.17 | 202  | 8022634  | 95.550  | ng/ul# | 87       |
| 20) Benzo(a)anthracene      | 21.89 | 228  | 5130548m | 62.056  | ng/ul  |          |
| 21) Chrysene                | 21.95 | 228  | 4869910m | 62.071  | ng/ul  |          |
| 23) Benzo(b)fluoranthene    | 23.64 | 252  | 5310019m | 73.643  | ng/ul  |          |
| 24) Benzo(k)fluoranthene    | 23.69 | 252  | 1545207m | 22.894  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 24.29 | 252  | 3158559  | 46.027  | ng/ul# | 94       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.96 | 276  | 1777860  | 24.028  | ng/ul# | 86       |
| 28) Dibenzo(a,h)anthracene  | 26.96 | 278  | 585496   | 9.654   | ng/ul# | 83       |
| 29) Benzo(g,h,i)perylene    | 27.76 | 276  | 1532354  | 24.803  | ng/ul# | 90       |

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

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