

Data Path : Z:\HPCHEM1\BNA\_N\DATA\BN042618\  
 Data File : BN000962.D  
 Acq On : 27 Apr 2018 10:54  
 Operator : JU/SJ  
 Sample : J2526-11DL 20X  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleID :  
 DAS59DL

Manual Integrations  
 APPROVED

Sohil  
 4/27/2018 7:28:05 PM

Quant Time: Apr 27 16:12:37 2018  
 Quant Method : Z:\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN042418MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Apr 27 09:25:35 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.62  | 152  | 100790   | 20.00  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.39 | 136  | 416537   | 20.00  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.26 | 164  | 209691   | 20.00  | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.00 | 188  | 426889   | 20.00  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.22 | 240  | 413559   | 20.00  | ng/ul  | 0.00     |
| 22) Perylene-d12            | 23.41 | 264  | 441355   | 20.00  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 7) Acenaphthylene-d8        | 13.95 | 160  | 38396    | 1.91   | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.25 | 176  | 28175    | 2.10   | ng/ul  | 0.00     |
| 14) Anthracene-d10          | 17.10 | 188  | 41118    | 2.11   | ng/ul  | 0.00     |
| 18) Pyrene-d10              | 19.41 | 212  | 42658    | 2.01   | ng/ul  | 0.00     |
| 25) Benzo(a)pyrene-d12      | 23.27 | 264  | 46032    | 2.21   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) Naphthalene              | 10.43 | 128  | 168510   | 8.027  | ng/ul  | 100      |
| 4) 2-Methylnaphthalene      | 12.05 | 142  | 74886    | 5.347  | ng/ul  | 96       |
| 5) 1-Methylnaphthalene      | 12.28 | 142  | 67628    | 4.923  | ng/ul# | 96       |
| 8) Acenaphthylene           | 13.97 | 152  | 20219    | 1.014  | ng/ul# | 94       |
| 9) Acenaphthene             | 14.32 | 153  | 101562   | 7.375  | ng/ul  | 96       |
| 11) Fluorene                | 15.31 | 166  | 103997   | 7.094  | ng/ul  | 92       |
| 13) Phenanthrene            | 17.05 | 178  | 1372549  | 58.951 | ng/ul  | 99       |
| 15) Anthracene              | 17.14 | 178  | 337273   | 14.442 | ng/ul  | 98       |
| 16) Fluoranthene            | 19.07 | 202  | 1584353  | 67.071 | ng/ul# | 94       |
| 19) Pyrene                  | 19.44 | 202  | 1365348  | 51.399 | ng/ul# | 90       |
| 20) Benzo(a)anthracene      | 21.20 | 228  | 782172   | 31.639 | ng/ul  | 97       |
| 21) Chrysene                | 21.25 | 228  | 702901m  | 30.251 | ng/ul  |          |
| 23) Benzo(b)fluoranthene    | 22.76 | 252  | 1032402m | 41.160 | ng/ul  |          |
| 24) Benzo(k)fluoranthene    | 22.80 | 252  | 300273m  | 12.234 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.32 | 252  | 695284   | 29.005 | ng/ul# | 96       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.60 | 276  | 475727   | 16.431 | ng/ul# | 89       |
| 28) Dibenzo(a,h)anthracene  | 25.60 | 278  | 139041   | 5.762  | ng/ul# | 80       |
| 29) Benzo(g,h,i)perylene    | 26.27 | 276  | 382469   | 15.794 | ng/ul# | 91       |

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

