

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\  
 Data File : BM009565.D  
 Acq On : 05 Apr 2017 19:34  
 Operator : SJ/MA  
 Sample : I2285-11  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CB335

Manual Integrations  
 APPROVED

mohammad  
 4/6/2017 11:38:42 AM

Quant Time: Apr 06 03:43:19 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Apr 06 03:22:40 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|--------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.84  | 152  | 140877   | 20.00 | ng/ul  | 0.00      |
| 2) Naphthalene-d8           | 10.64 | 136  | 539288   | 20.00 | ng/ul  | 0.00      |
| 6) Acenaphthene-d10         | 14.49 | 164  | 300704   | 20.00 | ng/ul  | 0.00      |
| 12) Phenanthrene-d10        | 17.23 | 188  | 719477   | 20.00 | ng/ul  | 0.00      |
| 18) Chrysene-d12            | 21.41 | 240  | 1005689  | 20.00 | ng/ul  | 0.00      |
| 23) Perylene-d12            | 23.73 | 264  | 971260   | 20.00 | ng/ul  | 0.00      |
| System Monitoring Compounds |       |      |          |       |        |           |
| 3) 2,4-Dichlorophenol-d3    | 10.26 | 165  | 44217    | 5.33  | ng/uL  | 0.00      |
| 7) Acenaphthylene-d8        | 14.18 | 160  | 407992   | 13.84 | ng/ul  | 0.00      |
| 10) Fluorene-d10            | 15.48 | 176  | 319282   | 15.06 | ng/ul  | 0.00      |
| 15) Anthracene-d10          | 17.33 | 188  | 499694   | 14.52 | ng/ul  | 0.00      |
| 19) Pyrene-d10              | 19.63 | 212  | 610875   | 14.78 | ng/ul  | 0.00      |
| 26) Benzo(a)pyrene-d12      | 23.59 | 264  | 621071   | 14.48 | ng/ul  | 0.00      |
| Target Compounds            |       |      |          |       |        |           |
| 14) Phenanthrene            | 17.27 | 178  | 256032   | 6.33  | ng/ul  | Qvalue 97 |
| 16) Anthracene              | 17.37 | 178  | 60572    | 1.45  | ng/ul  | 93        |
| 17) Fluoranthene            | 19.29 | 202  | 503803   | 10.00 | ng/ul# | 94        |
| 20) Pyrene                  | 19.66 | 202  | 459765   | 8.40  | ng/ul  | 95        |
| 21) Benzo(a)anthracene      | 21.40 | 228  | 285809   | 5.03  | ng/ul  | 97        |
| 22) Chrysene                | 21.45 | 228  | 284908   | 5.47  | ng/ul  | 95        |
| 24) Benzo(b)fluoranthene    | 23.03 | 252  | 374968   | 6.24  | ng/ul# | 97        |
| 25) Benzo(k)fluoranthene    | 23.07 | 252  | 147949m  | 2.59  | ng/ul  |           |
| 27) Benzo(a)pyrene          | 23.63 | 252  | 259455   | 4.54  | ng/ul# | 97        |
| 28) Indeno(1,2,3-cd)pyrene  | 26.08 | 276  | 174221   | 2.72  | ng/ul  | 94        |
| 30) Benzo(g,h,i)perylene    | 26.81 | 276  | 160984   | 3.05  | ng/ul# | 92        |

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

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