

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM040817\  
 Data File : BM009633.D  
 Acq On : 07 Apr 2017 17:38  
 Operator : SJ/MA  
 Sample : I2526-12  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CB388

Manual Integrations  
 APPROVED

mohammad  
 4/10/2017 1:23:57 PM

Quant Time: Apr 07 18:23:32 2017  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM040417-PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Apr 07 03:19:28 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.84  | 152  | 169083   | 20.00 | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.64 | 136  | 659759   | 20.00 | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.49 | 164  | 373617   | 20.00 | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.24 | 188  | 852166   | 20.00 | ng/ul  | 0.00     |
| 18) Chrysene-d12            | 21.42 | 240  | 1098528  | 20.00 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.75 | 264  | 1054464  | 20.00 | ng/ul  | 0.01     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 3) 2,4-Dichlorophenol-d3    | 10.25 | 165  | 229238   | 22.60 | ng/uL  | 0.00     |
| 7) Acenaphthylene-d8        | 14.18 | 160  | 1051196  | 28.71 | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.48 | 176  | 741585   | 28.16 | ng/ul  | 0.00     |
| 15) Anthracene-d10          | 17.33 | 188  | 1170517  | 28.71 | ng/ul  | 0.00     |
| 19) Pyrene-d10              | 19.63 | 212  | 1376450  | 30.49 | ng/ul  | 0.00     |
| 26) Benzo(a)pyrene-d12      | 23.60 | 264  | 1368351  | 29.39 | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
|                             |       |      |          |       |        | Qvalue   |
| 4) Naphthalene              | 10.69 | 128  | 98752    | 2.92  | ng/ul  | 96       |
| 5) 2-Methylnaphthalene      | 12.30 | 142  | 43668    | 1.77  | ng/ul  | 97       |
| 8) Acenaphthylene           | 14.21 | 152  | 114641   | 3.12  | ng/ul# | 94       |
| 9) Acenaphthene             | 14.55 | 153  | 123074   | 4.87  | ng/ul  | 93       |
| 11) Fluorene                | 15.53 | 166  | 146222   | 4.74  | ng/ul  | 95       |
| 14) Phenanthrene            | 17.28 | 178  | 2426956  | 50.66 | ng/ul  | 98       |
| 16) Anthracene              | 17.37 | 178  | 637979   | 12.88 | ng/ul  | 97       |
| 17) Fluoranthene            | 19.30 | 202  | 4219262  | 70.71 | ng/ul  | 96       |
| 20) Pyrene                  | 19.66 | 202  | 3698376  | 61.83 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.40 | 228  | 2439392  | 39.28 | ng/ul  | 99       |
| 22) Chrysene                | 21.46 | 228  | 1982984  | 34.83 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.04 | 252  | 2725106  | 41.79 | ng/ul  | 98       |
| 25) Benzo(k)fluoranthene    | 23.09 | 252  | 906098m  | 14.58 | ng/ul  |          |
| 27) Benzo(a)pyrene          | 23.64 | 252  | 2047348  | 33.02 | ng/ul  | 98       |
| 28) Indeno(1,2,3-cd)pyrene  | 26.11 | 276  | 1227932  | 17.66 | ng/ul# | 95       |
| 29) Dibenzo(a,h)anthracene  | 26.11 | 278  | 355925   | 6.02  | ng/ul  | 94       |
| 30) Benzo(g,h,i)perylene    | 26.84 | 276  | 981880   | 17.13 | ng/ul  | 94       |

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

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