

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\  
 Data File : BN006147.D  
 Acq On : 06 Jun 2019 21:45  
 Operator : JU/SJ  
 Sample : K3201-04  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AB5

Manual Integrations  
 APPROVED

mohammad  
 6/11/2019 5:07:34 PM

Quant Time: Jun 07 01:31:10 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 07 00:25:28 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.65  | 152  | 6430     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.43 | 136  | 24024    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.30 | 164  | 13039    | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.05 | 188  | 27834m   | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.27 | 240  | 24538m   | 0.40   | ng/ul  | -0.03    |
| 20) Perylene-d12            | 23.50 | 264  | 21291m   | 0.40   | ng/ul  | -0.06    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.03 | 152  | 12428    | 0.34   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.09 | 212  | 31771m   | 0.42   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.48 | 128  | 4123     | 0.062  | ng/ul# | 91       |
| 5) 2-Methylnaphthalene      | 12.10 | 142  | 1427     | 0.031  | ng/ul  | 89       |
| 7) Acenaphthylene           | 14.02 | 152  | 18981    | 0.262  | ng/ul  | 99       |
| 8) Acenaphthene             | 14.36 | 153  | 6236     | 0.124  | ng/ul  | 99       |
| 9) Fluorene                 | 15.36 | 166  | 7867     | 0.134  | ng/ul  | 98       |
| 12) Phenanthrene            | 17.09 | 178  | 227220m  | 2.543  | ng/ul  |          |
| 13) Anthracene              | 17.19 | 178  | 54219m   | 0.635  | ng/ul  |          |
| 15) Fluoranthene            | 19.12 | 202  | 649912m  | 6.587  | ng/ul  |          |
| 17) Pyrene                  | 19.49 | 202  | 525885   | 4.069  | ng/ul  | 99       |
| 18) Benzo(a)anthracene      | 21.25 | 228  | 281940m  | 2.598  | ng/ul  |          |
| 19) Chrysene                | 21.31 | 228  | 292859   | 2.874  | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 22.84 | 252  | 452522m  | 5.097  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.88 | 252  | 164872m  | 1.907  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.41 | 252  | 273447m  | 3.307  | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 25.73 | 276  | 219819m  | 2.456  | ng/ul  |          |
| 25) Dibenzo(a,h)anthracene  | 25.74 | 278  | 51186m   | 0.715  | ng/ul  |          |
| 26) Benzo(a,h,i)perylene    | 26.42 | 276  | 175252m  | 2.338  | ng/ul  |          |

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

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