

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\  
 Data File : BN006144.D  
 Acq On : 06 Jun 2019 20:01  
 Operator : JU/SJ  
 Sample : K3201-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AB1

Manual Integrations  
 APPROVED

mohammad  
 6/11/2019 5:07:29 PM

Quant Time: Jun 07 01:09:54 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  | 5839     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.43 | 136  | 21683    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.30 | 164  | 11080    | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.05 | 188  | 22768m   | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.28 | 240  | 19773m   | 0.40   | ng/ul  | -0.02    |
| 20) Perylene-d12            | 23.51 | 264  | 29401    | 0.40   | ng/ul  | -0.05    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.03 | 152  | 6665     | 0.20   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.09 | 212  | 15362m   | 0.25   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.48 | 128  | 2352     | 0.039  | ng/ul# | 87       |
| 5) 2-Methylnaphthalene      | 12.10 | 142  | 845      | 0.020  | ng/ul  | 95       |
| 7) Acenaphthylene           | 14.02 | 152  | 9725     | 0.158  | ng/ul  | 98       |
| 8) Acenaphthene             | 14.36 | 153  | 3831     | 0.090  | ng/ul  | 99       |
| 9) Fluorene                 | 15.36 | 166  | 4503     | 0.090  | ng/ul# | 96       |
| 12) Phenanthrene            | 17.09 | 178  | 98216m   | 1.344  | ng/ul  |          |
| 13) Anthracene              | 17.19 | 178  | 19387m   | 0.278  | ng/ul  |          |
| 15) Fluoranthene            | 19.12 | 202  | 200004m  | 2.478  | ng/ul  |          |
| 17) Pyrene                  | 19.49 | 202  | 179499   | 1.723  | ng/ul  | 98       |
| 18) Benzo(a)anthracene      | 21.26 | 228  | 86435m   | 0.988  | ng/ul  |          |
| 19) Chrysene                | 21.31 | 228  | 90719    | 1.105  | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 22.85 | 252  | 121769m  | 0.993  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.88 | 252  | 52512m   | 0.440  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.41 | 252  | 80521    | 0.705  | ng/ul# | 90       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.74 | 276  | 58443    | 0.473  | ng/ul# | 86       |
| 25) Dibenzo(a,h)anthracene  | 25.75 | 278  | 13919    | 0.141  | ng/ul# | 93       |
| 26) Benzo(a,h,i)perylene    | 26.43 | 276  | 43686    | 0.422  | ng/ul  | 98       |

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\  
Data File : BN006144.D  
Acq On : 06 Jun 2019 20:01  
Operator : JU/SJ  
Sample : K3201-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0AB1

Manual Integrations  
APPROVED

mohammad  
6/11/2019 5:07:29 PM

Quant Time: Jun 07 01:09:54 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

