

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061319\  
 Data File : BN006302.D  
 Acq On : 13 Jun 2019 09:38  
 Operator : JU/SJ  
 Sample : K3083-03  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A51F6

Manual Integrations  
 APPROVED

mohammad  
 6/14/2019 8:48:59 AM

Quant Time: Jun 13 16:48:19 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 : Thu Jun 13 11:20:30 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.64  | 152  | 4869     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.42 | 136  | 19401    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.29 | 164  | 11106    | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.05 | 188  | 30397m   | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.27 | 240  | 11703m   | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.51 | 264  | 13693m   | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.02 | 152  | 7374     | 0.25   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.09 | 212  | 14317m   | 0.18   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |        | Ovalue |          |
| 3) Naphthalene              | 10.47 | 128  | 180935   | 3.380  | ng/ul  | 99       |
| 5) 2-Methylnaphthalene      | 12.09 | 142  | 63731    | 1.708  | ng/ul  | 99       |
| 7) Acenaphthylene           | 14.01 | 152  | 11141    | 0.180  | ng/ul# | 87       |
| 8) Acenaphthene             | 14.36 | 153  | 272162   | 6.355  | ng/ul  | 99       |
| 9) Fluorene                 | 15.35 | 166  | 247340   | 4.936  | ng/ul  | 99       |
| 11) Pentachlorophenol       | 16.71 | 266  | 373m     | 0.048  | ng/ul  |          |
| 12) Phenanthrene            | 17.09 | 178  | 2581445m | 26.456 | ng/ul  |          |
| 13) Anthracene              | 17.18 | 178  | 606023m  | 6.503  | ng/ul  |          |
| 15) Fluoranthene            | 19.12 | 202  | 2954955m | 27.426 | ng/ul  |          |
| 17) Pyrene                  | 19.49 | 202  | 2371952  | 38.478 | ng/ul  | 98       |
| 18) Benzo(a)anthracene      | 21.25 | 228  | 1192652m | 23.042 | ng/ul  |          |
| 19) Chrysene                | 21.30 | 228  | 1104768  | 22.736 | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 22.84 | 252  | 1385337m | 24.263 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.88 | 252  | 474409m  | 8.530  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.41 | 252  | 958966m  | 18.034 | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 25.75 | 276  | 613300   | 10.655 | ng/ul# | 90       |
| 25) Dibenzo(a,h)anthracene  | 25.75 | 278  | 166995m  | 3.629  | ng/ul  |          |
| 26) Benzo(g,h,i)perylene    | 26.43 | 276  | 560396   | 11.624 | ng/ul  | 95       |

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

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