

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\  
 Data File : BN006253.D  
 Acq On : 11 Jun 2019 19:13  
 Operator : JU/SJ  
 Sample : K3083-04  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A51F7

Manual Integrations  
 APPROVED

mohammad  
 6/12/2019 8:19:01 AM

Quant Time: Jun 12 03:47:34 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 : Sun Jun 09 05:10:30 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.64  | 152  | 6237     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.42 | 136  | 24173    | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.30 | 164  | 12233    | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.05 | 188  | 22034m   | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.26 | 240  | 14214m   | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.50 | 264  | 13981m   | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.02 | 152  | 7416     | 0.20  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.09 | 212  | 11373m   | 0.19  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        | Ovalue   |
| 3) Naphthalene              | 10.47 | 128  | 8597     | 0.129 | ng/ul  | 97       |
| 5) 2-Methylnaphthalene      | 12.10 | 142  | 3142     | 0.068 | ng/ul  | 99       |
| 7) Acenaphthylene           | 14.01 | 152  | 2967     | 0.044 | ng/ul# | 89       |
| 8) Acenaphthene             | 14.36 | 153  | 16736    | 0.355 | ng/ul  | 99       |
| 9) Fluorene                 | 15.35 | 166  | 12228    | 0.222 | ng/ul  | 98       |
| 12) Phenanthrene            | 17.09 | 178  | 150889m  | 2.133 | ng/ul  |          |
| 13) Anthracene              | 17.18 | 178  | 28770m   | 0.426 | ng/ul  |          |
| 15) Fluoranthene            | 19.12 | 202  | 231015m  | 2.958 | ng/ul  |          |
| 17) Pyrene                  | 19.49 | 202  | 182095   | 2.432 | ng/ul  | 100      |
| 18) Benzo(a)anthracene      | 21.25 | 228  | 79010    | 1.257 | ng/ul  | 99       |
| 19) Chrysene                | 21.30 | 228  | 92304    | 1.564 | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 22.83 | 252  | 122247m  | 2.097 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.87 | 252  | 42196m   | 0.743 | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.40 | 252  | 72983m   | 1.344 | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 25.73 | 276  | 52610m   | 0.895 | ng/ul  |          |
| 25) Dibenzo(a,h)anthracene  | 25.73 | 278  | 12634m   | 0.269 | ng/ul  |          |
| 26) Benzo(a,h,i)perylene    | 26.41 | 276  | 47100m   | 0.957 | ng/ul  |          |

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

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