

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061019\  
 Data File : BN006231.D  
 Acq On : 10 Jun 2019 20:01  
 Operator : JU/SJ  
 Sample : K3017-14  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A51E7

Manual Integrations  
 APPROVED

mohammad  
 6/11/2019 4:28:34 PM

Quant Time: Jun 11 02:01:35 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  | 3774     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.42 | 136  | 14578    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.30 | 164  | 7615     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.05 | 188  | 15474m   | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.27 | 240  | 12672m   | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.50 | 264  | 11595m   | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.02 | 152  | 5051     | 0.23   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.09 | 212  | 11882m   | 0.29   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 7) Acenaphthylene           | 14.01 | 152  | 1299     | 0.031  | ng/ul# | 82       |
| 8) Acenaphthene             | 14.36 | 153  | 1638     | 0.056  | ng/ul  | 98       |
| 12) Phenanthrene            | 17.09 | 178  | 18827    | 0.379  | ng/ul  | 99       |
| 15) Fluoranthene            | 19.12 | 202  | 61728m   | 1.125  | ng/ul  |          |
| 17) Pyrene                  | 19.49 | 202  | 48810    | 0.731  | ng/ul  | 99       |
| 18) Benzo(a)anthracene      | 21.25 | 228  | 16404    | 0.293  | ng/ul  | 96       |
| 19) Chrysene                | 21.30 | 228  | 28031    | 0.533  | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 22.83 | 252  | 38978m   | 0.806  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.87 | 252  | 13925m   | 0.296  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.40 | 252  | 21597m   | 0.480  | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 25.73 | 276  | 18272m   | 0.375  | ng/ul  |          |
| 25) Dibenzo(a,h)anthracene  | 25.74 | 278  | 3652m    | 0.094  | ng/ul  |          |
| 26) Benzo(g,h,i)perylene    | 26.41 | 276  | 19175m   | 0.470  | ng/ul  |          |

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

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