

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN061419\  
 Data File : BN006332.D  
 Acq On : 14 Jun 2019 12:47  
 Operator : JU/SJ  
 Sample : K3332-03  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4228

Manual Integrations  
 APPROVED

mohammad  
 6/17/2019 8:28:46 AM

Quant Time: Jun 14 17:08:47 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  | 3654     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.42 | 136  | 13746    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.29 | 164  | 7296     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.05 | 188  | 14519m   | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.27 | 240  | 11206m   | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.50 | 264  | 10267m   | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.02 | 152  | 4688     | 0.22   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.09 | 212  | 10695m   | 0.27   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 7) Acenaphthylene           | 14.01 | 152  | 3362     | 0.083  | ng/ul# | 94       |
| 9) Fluorene                 | 15.35 | 166  | 760      | 0.023  | ng/ul# | 89       |
| 12) Phenanthrene            | 17.09 | 178  | 13053    | 0.280  | ng/ul  | 99       |
| 13) Anthracene              | 17.18 | 178  | 4353m    | 0.098  | ng/ul  |          |
| 15) Fluoranthene            | 19.12 | 202  | 37509m   | 0.729  | ng/ul  |          |
| 17) Pyrene                  | 19.49 | 202  | 36689    | 0.622  | ng/ul  | 100      |
| 18) Benzo(a)anthracene      | 21.25 | 228  | 18097    | 0.365  | ng/ul  | 98       |
| 19) Chrysene                | 21.30 | 228  | 20552    | 0.442  | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 22.83 | 252  | 25686m   | 0.600  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.87 | 252  | 10797m   | 0.259  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.40 | 252  | 17368m   | 0.436  | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 25.74 | 276  | 11572m   | 0.268  | ng/ul  |          |
| 25) Dibenzo(a,h)anthracene  | 25.75 | 278  | 2968m    | 0.086  | ng/ul  |          |
| 26) Benzo(g,h,i)perylene    | 26.42 | 276  | 9767m    | 0.270  | ng/ul  |          |

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

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