

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN062219\  
 Data File : BN006513.D  
 Acq On : 23 Jun 2019 06:44  
 Operator : HP/JU  
 Sample : K3360-13  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A41Z3

Manual Integrations  
 APPROVED

mohammad  
 6/25/2019 8:45:23 AM

Quant Time: Jun 24 09:15:09 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 : Mon Jun 17 11:13:07 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.63  | 152  | 5049     | 0.40  | ng/ul  | -0.01    |
| 2) Naphthalene-d8           | 10.41 | 136  | 19022    | 0.40  | ng/ul  | -0.02    |
| 6) Acenaphthene-d10         | 14.28 | 164  | 10041    | 0.40  | ng/ul  | -0.01    |
| 10) Phenanthrene-d10        | 17.04 | 188  | 19930m   | 0.40  | ng/ul  | -0.02    |
| 16) Chrysene-d12            | 21.25 | 240  | 12815m   | 0.40  | ng/ul  | -0.02    |
| 20) Perylene-d12            | 23.47 | 264  | 11445m   | 0.40  | ng/ul  | -0.03    |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.01 | 152  | 6831     | 0.23  | ng/ul  | -0.02    |
| 14) Fluoranthene-d10        | 19.08 | 212  | 14558m   | 0.27  | ng/ul  | -0.01    |
| Target Compounds            |       |      |          |       | Qvalue |          |
| 3) Naphthalene              | 10.46 | 128  | 1088     | 0.021 | ng/ul# | 77       |
| 7) Acenaphthylene           | 14.00 | 152  | 3080     | 0.055 | ng/ul# | 93       |
| 8) Acenaphthene             | 14.34 | 153  | 815      | 0.021 | ng/ul  | 94       |
| 9) Fluorene                 | 15.34 | 166  | 1213     | 0.027 | ng/ul# | 93       |
| 12) Phenanthrene            | 17.08 | 178  | 31597m   | 0.494 | ng/ul  |          |
| 13) Anthracene              | 17.17 | 178  | 6126m    | 0.100 | ng/ul  |          |
| 15) Fluoranthene            | 19.10 | 202  | 97565m   | 1.381 | ng/ul  |          |
| 17) Pyrene                  | 19.47 | 202  | 76358    | 1.131 | ng/ul  | 100      |
| 18) Benzo(a)anthracene      | 21.23 | 228  | 35106    | 0.619 | ng/ul  | 99       |
| 19) Chrysene                | 21.29 | 228  | 39744    | 0.747 | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 22.81 | 252  | 47541m   | 0.996 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.85 | 252  | 18205m   | 0.392 | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.38 | 252  | 28944m   | 0.651 | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 25.71 | 276  | 20778m   | 0.432 | ng/ul  |          |
| 25) Dibenzo(a,h)anthracene  | 25.71 | 278  | 5313m    | 0.138 | ng/ul  |          |
| 26) Benzo(g,h,i)perylene    | 26.40 | 276  | 16494m   | 0.409 | ng/ul  |          |

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

