

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\  
 Data File : BN008860.D  
 Acq On : 06 Dec 2019 15:27  
 Operator : JU  
 Sample : K6007-04  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0BL2

Manual Integrations  
 APPROVED

mohammad  
 12/9/2019 3:07:28 PM

Quant Time: Dec 06 16:01:18 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 06 12:03:45 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.57  | 152  | 3003     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.32 | 136  | 13545    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.19 | 164  | 8910     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.94 | 188  | 19679    | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.14 | 240  | 17293    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.29 | 264  | 19470    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.92 | 152  | 4276     | 0.19   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 18.97 | 212  | 12249    | 0.20   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.37 | 128  | 14881    | 0.364  | ng/ul  | 99       |
| 5) 2-Methylnaphthalene      | 12.00 | 142  | 17913    | 0.628  | ng/ul  | 100      |
| 7) Acenaphthylene           | 13.91 | 152  | 15038    | 0.305  | ng/ul  | 98       |
| 8) Acenaphthene             | 14.26 | 153  | 10606    | 0.290  | ng/ul  | 99       |
| 9) Fluorene                 | 15.25 | 166  | 44474    | 1.036  | ng/ul  | 98       |
| 12) Phenanthrene            | 16.98 | 178  | 380050   | 5.726  | ng/ul  | 99       |
| 13) Anthracene              | 17.07 | 178  | 85656    | 1.366  | ng/ul  | 99       |
| 15) Fluoranthene            | 19.00 | 202  | 477477   | 5.856  | ng/ul  | 100      |
| 17) Pyrene                  | 19.37 | 202  | 361503   | 5.211  | ng/ul  | 99       |
| 18) Benzo(a)anthracene      | 21.13 | 228  | 181694   | 2.613  | ng/ul  | 98       |
| 19) Chrysene                | 21.18 | 228  | 155737   | 2.280  | ng/ul  | 97       |
| 21) Benzo(b)fluoranthene    | 22.66 | 252  | 207652m  | 2.586  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.70 | 252  | 73037m   | 0.917  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.20 | 252  | 153115   | 2.032  | ng/ul# | 94       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.41 | 276  | 92785    | 1.053  | ng/ul# | 91       |
| 25) Dibenzo(a,h)anthracene  | 25.42 | 278  | 22496    | 0.316  | ng/ul  | 92       |
| 26) Benzo(a,h,i)perylene    | 26.05 | 276  | 84515    | 1.146  | ng/ul  | 98       |

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

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