

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\  
 Data File : BN008701.D  
 Acq On : 22 Nov 2019 06:40  
 Operator : JU  
 Sample : K5854-04  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AC2

Manual Integrations  
 APPROVED

mohammad  
 11/22/2019 1:24:14 PM

Quant Time: Nov 22 07:45:37 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 Nov 22 07:12:34 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.61  | 152  | 4257     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.37 | 136  | 15678    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.23 | 164  | 9143     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.97 | 188  | 17702    | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.17 | 240  | 13915    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.34 | 264  | 14558    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.96 | 152  | 4062     | 0.16   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.00 | 212  | 9853     | 0.18   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.42 | 128  | 55986    | 1.185  | ng/ul  | 98       |
| 5) 2-Methylnaphthalene      | 12.03 | 142  | 37199    | 1.127  | ng/ul  | 100      |
| 7) Acenaphthylene           | 13.95 | 152  | 15590    | 0.308  | ng/ul  | 97       |
| 8) Acenaphthene             | 14.29 | 153  | 6122     | 0.163  | ng/ul  | 98       |
| 9) Fluorene                 | 15.28 | 166  | 9293     | 0.211  | ng/ul# | 90       |
| 12) Phenanthrene            | 17.02 | 178  | 108215   | 1.813  | ng/ul  | 98       |
| 13) Anthracene              | 17.11 | 178  | 33711    | 0.598  | ng/ul  | 98       |
| 15) Fluoranthene            | 19.04 | 202  | 213391   | 2.909  | ng/ul  | 94       |
| 17) Pyrene                  | 19.40 | 202  | 213100   | 3.817  | ng/ul  | 96       |
| 18) Benzo(a)anthracene      | 21.16 | 228  | 117318   | 2.096  | ng/ul  | 96       |
| 19) Chrysene                | 21.21 | 228  | 117732m  | 2.142  | ng/ul  |          |
| 21) Benzo(b)fluoranthene    | 22.70 | 252  | 164455m  | 2.739  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.74 | 252  | 53482m   | 0.898  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.25 | 252  | 104535   | 1.855  | ng/ul# | 86       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.47 | 276  | 68843    | 1.045  | ng/ul  | 97       |
| 25) Dibenzo(a,h)anthracene  | 25.49 | 278  | 17031    | 0.320  | ng/ul# | 43       |
| 26) Benzo(a,h,i)perylene    | 26.12 | 276  | 65083    | 1.181  | ng/ul# | 94       |

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

