

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN102219\  
 Data File : BN008361.D  
 Acq On : 23 Oct 2019 22:07  
 Operator : JU  
 Sample : K5223-18DL 5X  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BEPA6DL

Manual Integrations  
 APPROVED

mohammad  
 10/24/2019 8:07:02 AM

Quant Time: Oct 24 02:12:06 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN101019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 23 14:07:55 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.58  | 152  | 1727     | 0.40   | ng/ul  | -0.01    |
| 2) Naphthalene-d8           | 10.35 | 136  | 8323     | 0.40   | ng/ul  | -0.01    |
| 6) Acenaphthene-d10         | 14.21 | 164  | 5315     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.96 | 188  | 11137    | 0.40   | ng/ul  | -0.01    |
| 16) Chrysene-d12            | 21.17 | 240  | 9330     | 0.40   | ng/ul  | -0.01    |
| 20) Perylene-d12            | 23.34 | 264  | 7519     | 0.40   | ng/ul  | -0.02    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.96 | 152  | 585      | 0.04   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.00 | 212  | 1805     | 0.05   | ng/ul  | -0.01    |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 7) Acenaphthylene           | 13.93 | 152  | 919      | 0.036  | ng/ul# | 81       |
| 12) Phenanthrene            | 17.00 | 178  | 8585     | 0.263  | ng/ul  | 99       |
| 13) Anthracene              | 17.09 | 178  | 1887     | 0.066  | ng/ul# | 87       |
| 15) Fluoranthene            | 19.03 | 202  | 24284    | 0.564  | ng/ul  | 96       |
| 17) Pyrene                  | 19.39 | 202  | 25585    | 0.689  | ng/ul  | 96       |
| 18) Benzo(a)anthracene      | 21.15 | 228  | 13240    | 0.390  | ng/ul  | 96       |
| 19) Chrysene                | 21.20 | 228  | 12879    | 0.309  | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 22.70 | 252  | 14956m   | 0.611  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.74 | 252  | 4810m    | 0.173  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.24 | 252  | 9772     | 0.379  | ng/ul# | 95       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.49 | 276  | 6162     | 0.203  | ng/ul# | 96       |
| 25) Dibenzo(a,h)anthracene  | 25.49 | 278  | 1331     | 0.056  | ng/ul# | 59       |
| 26) Benzo(g,h,i)perylene    | 26.14 | 276  | 5167     | 0.186  | ng/ul# | 93       |

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

