

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\  
 Data File : BN006156.D  
 Acq On : 07 Jun 2019 04:05  
 Operator : JU/SJ  
 Sample : K3016-22  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A51D9

Manual Integrations  
 APPROVED

mohammad  
 6/11/2019 5:07:59 PM

Quant Time: Jun 07 05:03:00 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 : Fri Jun 07 01:31:14 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.65  | 152  | 4862     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.43 | 136  | 18007    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.30 | 164  | 9660     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.05 | 188  | 20739m   | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.26 | 240  | 17896m   | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.49 | 264  | 16164m   | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.03 | 152  | 4396     | 0.16   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.09 | 212  | 11005m   | 0.20   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.48 | 128  | 2414     | 0.049  | ng/ul# | 86       |
| 5) 2-Methylnaphthalene      | 12.10 | 142  | 1091     | 0.032  | ng/ul  | 92       |
| 7) Acenaphthylene           | 14.02 | 152  | 26090    | 0.486  | ng/ul  | 100      |
| 8) Acenaphthene             | 14.36 | 153  | 3580     | 0.096  | ng/ul  | 98       |
| 9) Fluorene                 | 15.35 | 166  | 6944     | 0.159  | ng/ul# | 95       |
| 12) Phenanthrene            | 17.09 | 178  | 132765m  | 1.994  | ng/ul  |          |
| 13) Anthracene              | 17.18 | 178  | 38445m   | 0.605  | ng/ul  |          |
| 15) Fluoranthene            | 19.12 | 202  | 294148m  | 4.001  | ng/ul  |          |
| 17) Pyrene                  | 19.49 | 202  | 257637   | 2.733  | ng/ul  | 99       |
| 18) Benzo(a)anthracene      | 21.25 | 228  | 138816m  | 1.754  | ng/ul  |          |
| 19) Chrysene                | 21.30 | 228  | 145072   | 1.952  | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 22.83 | 252  | 175592m  | 2.605  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.87 | 252  | 69501m   | 1.059  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.40 | 252  | 117843   | 1.877  | ng/ul# | 88       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.73 | 276  | 80939    | 1.191  | ng/ul# | 90       |
| 25) Dibenzo(a,h)anthracene  | 25.73 | 278  | 21731    | 0.400  | ng/ul  | 95       |
| 26) Benzo(a,h,i)perylene    | 26.41 | 276  | 64856    | 1.140  | ng/ul  | 96       |

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

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