

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN080719\  
 Data File : BN006988.D  
 Acq On : 07 Aug 2019 15:34  
 Operator : HP/JU  
 Sample : K3893-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BENY7

Manual Integrations  
 APPROVED

mohammad  
 8/9/2019 6:14:32 AM

Quant Time: Aug 07 17:49:35 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN080719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 07 17:30:08 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.47  | 152  | 5441     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.23 | 136  | 22136    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.12 | 164  | 13715    | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.86 | 188  | 34950m   | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.08 | 240  | 32261m   | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.21 | 264  | 30021m   | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.83 | 152  | 7602     | 0.19   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 18.90 | 212  | 24873m   | 0.22   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) Naphthalene              | 10.28 | 128  | 3678     | 0.058  | ng/ul# | 90       |
| 5) 2-Methylnaphthalene      | 11.91 | 142  | 1929     | 0.040  | ng/ul  | 97       |
| 7) Acenaphthylene           | 13.83 | 152  | 10369    | 0.130  | ng/ul  | 97       |
| 8) Acenaphthene             | 14.18 | 153  | 7190     | 0.132  | ng/ul  | 99       |
| 9) Fluorene                 | 15.17 | 166  | 9351     | 0.142  | ng/ul  | 99       |
| 12) Phenanthrene            | 16.90 | 178  | 244565m  | 2.196  | ng/ul  |          |
| 13) Anthracene              | 16.99 | 178  | 41135m   | 0.361  | ng/ul  |          |
| 15) Fluoranthene            | 18.93 | 202  | 741401m  | 5.355  | ng/ul  |          |
| 17) Pyrene                  | 19.30 | 202  | 607401   | 4.217  | ng/ul  | 100      |
| 18) Benzo(a)anthracene      | 21.06 | 228  | 334078m  | 2.357  | ng/ul  |          |
| 19) Chrysene                | 21.11 | 228  | 385194   | 2.903  | ng/ul  | 97       |
| 21) Benzo(b)fluoranthene    | 22.58 | 252  | 524804m  | 4.312  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.62 | 252  | 201375m  | 1.707  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.12 | 252  | 307154m  | 2.680  | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 25.31 | 276  | 211952   | 1.716  | ng/ul# | 92       |
| 25) Dibenzo(a,h)anthracene  | 25.32 | 278  | 48133    | 0.488  | ng/ul  | 97       |
| 26) Benzo(g,h,i)perylene    | 25.94 | 276  | 167933   | 1.621  | ng/ul  | 99       |

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

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