

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN080719\  
 Data File : BN006989.D  
 Acq On : 07 Aug 2019 16:10  
 Operator : HP/JU  
 Sample : K3893-02  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BEP00

Manual Integrations  
 APPROVED

mohammad  
 8/9/2019 6:14:36 AM

Quant Time: Aug 07 18:16:30 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  | 6422     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.23 | 136  | 26034    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.12 | 164  | 15916    | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.86 | 188  | 40383m   | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.08 | 240  | 31561m   | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.21 | 264  | 25140m   | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.83 | 152  | 9066     | 0.20   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 18.90 | 212  | 27501m   | 0.21   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) Naphthalene              | 10.28 | 128  | 5390     | 0.072  | ng/ul# | 95       |
| 5) 2-Methylnaphthalene      | 11.91 | 142  | 2676     | 0.048  | ng/ul  | 99       |
| 7) Acenaphthylene           | 13.83 | 152  | 12867    | 0.140  | ng/ul  | 98       |
| 8) Acenaphthene             | 14.18 | 153  | 9118     | 0.144  | ng/ul  | 99       |
| 9) Fluorene                 | 15.17 | 166  | 11271    | 0.147  | ng/ul  | 99       |
| 12) Phenanthrene            | 16.90 | 178  | 300470m  | 2.335  | ng/ul  |          |
| 13) Anthracene              | 16.99 | 178  | 47586m   | 0.361  | ng/ul  |          |
| 15) Fluoranthene            | 18.93 | 202  | 925392m  | 5.785  | ng/ul  |          |
| 17) Pyrene                  | 19.30 | 202  | 773335   | 5.488  | ng/ul  | 99       |
| 18) Benzo(a)anthracene      | 21.06 | 228  | 374071m  | 2.698  | ng/ul  |          |
| 19) Chrysene                | 21.11 | 228  | 434340   | 3.345  | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 22.58 | 252  | 553132m  | 5.427  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.62 | 252  | 189722m  | 1.920  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.12 | 252  | 320311m  | 3.338  | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 25.30 | 276  | 232940   | 2.252  | ng/ul  | 94       |
| 25) Dibenzo(a,h)anthracene  | 25.32 | 278  | 54735m   | 0.663  | ng/ul  |          |
| 26) Benzo(g,h,i)perylene    | 25.94 | 276  | 203026   | 2.340  | ng/ul  | 98       |

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

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