

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\  
 Data File : BN012964.D  
 Acq On : 08 Dec 2020 06:44  
 Operator : CG/JU  
 Sample : L4862-02  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AZ1

Manual Integrations  
 APPROVED

mohammad  
 12/9/2020 12:24:20 PM

Quant Time: Dec 08 11:48:40 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 07 12:24:06 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.39  | 152  | 1087     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.15 | 136  | 4324     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.05 | 164  | 2525     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.81 | 188  | 5377m    | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.03 | 240  | 4135     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.13 | 264  | 3340     | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.75 | 152  | 2173     | 0.34   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 18.85 | 212  | 4439     | 0.30   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.20 | 128  | 4775     | 0.382  | ng/ul  | 94       |
| 5) 2-Methylnaphthalene      | 11.83 | 142  | 3344     | 0.407  | ng/ul  | 98       |
| 7) Acenaphthylene           | 13.76 | 152  | 2145     | 0.179  | ng/ul  | 98       |
| 8) Acenaphthene             | 14.11 | 153  | 3694     | 0.377  | ng/ul  | 98       |
| 9) Fluorene                 | 15.11 | 166  | 5622     | 0.500  | ng/ul  | 97       |
| 12) Phenanthrene            | 16.85 | 178  | 86685    | 4.808  | ng/ul  | 96       |
| 13) Anthracene              | 16.94 | 178  | 17447    | 1.137  | ng/ul  | 94       |
| 15) Fluoranthene            | 18.88 | 202  | 118338   | 5.524  | ng/ul  | 97       |
| 17) Pyrene                  | 19.25 | 202  | 95974    | 4.914  | ng/ul  | 100      |
| 18) Benzo(a)anthracene      | 21.02 | 228  | 48194    | 2.817  | ng/ul  | 99       |
| 19) Chrysene                | 21.07 | 228  | 48240    | 2.552  | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 22.52 | 252  | 55505m   | 3.592  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.55 | 252  | 20961m   | 1.227  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.05 | 252  | 35094    | 2.448  | ng/ul# | 85       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.19 | 276  | 21252    | 1.128  | ng/ul# | 97       |
| 25) Dibenzo(a,h)anthracene  | 25.19 | 278  | 5632     | 0.378  | ng/ul# | 96       |
| 26) Benzo(a,h,i)perylene    | 25.82 | 276  | 19812    | 1.163  | ng/ul  | 97       |

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

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