

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110218\  
 Data File : BN003401.D  
 Acq On : 02 Nov 2018 12:29  
 Operator : MJ/SJ  
 Sample : J5704-24  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A40K3

Manual Integrations  
 APPROVED

Sohil  
 11/5/2018 4:09:06 PM

Quant Time: Nov 02 22:42:37 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 02 23:13:48 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.86  | 152  | 10271    | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.65 | 136  | 42632    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.49 | 164  | 25173    | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.23 | 188  | 56076m   | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.41 | 240  | 45145m   | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.73 | 264  | 35806m   | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.24 | 152  | 19671    | 0.29   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.26 | 212  | 50397m   | 0.32   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.70 | 128  | 41745    | 0.349  | ng/ul  | 100      |
| 5) 2-Methylnaphthalene      | 12.31 | 142  | 23693    | 0.275  | ng/ul  | 100      |
| 7) Acenaphthylene           | 14.21 | 152  | 6012     | 0.055  | ng/ul# | 87       |
| 8) Acenaphthene             | 14.55 | 153  | 83213    | 0.852  | ng/ul  | 99       |
| 9) Fluorene                 | 15.54 | 166  | 128562   | 1.117  | ng/ul  | 99       |
| 11) Pentachlorophenol       | 16.87 | 266  | 479m     | 0.043  | ng/ul  |          |
| 12) Phenanthrene            | 17.27 | 178  | 1983636m | 10.787 | ng/ul  |          |
| 13) Anthracene              | 17.36 | 178  | 314590m  | 2.099  | ng/ul  |          |
| 15) Fluoranthene            | 19.29 | 202  | 2792226m | 13.509 | ng/ul  |          |
| 17) Pyrene                  | 19.65 | 202  | 2318953  | 14.121 | ng/ul  | 98       |
| 18) Benzo(a)anthracene      | 21.39 | 228  | 1098612m | 7.762  | ng/ul  |          |
| 19) Chrysene                | 21.45 | 228  | 1228901m | 7.639  | ng/ul  |          |
| 21) Benzo(b)fluoranthene    | 23.02 | 252  | 1120124m | 7.260  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 23.06 | 252  | 393999m  | 2.637  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.62 | 252  | 713403m  | 5.537  | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 26.08 | 276  | 387880m  | 2.812  | ng/ul  |          |
| 25) Dibenzo(a,h)anthracene  | 26.09 | 278  | 126205m  | 1.123  | ng/ul  |          |
| 26) Benzo(g,h,i)perylene    | 26.81 | 276  | 289090m  | 2.444  | ng/ul  |          |

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

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