

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\  
 Data File : BE097207.D  
 Acq On : 4 Aug 2018 18:37  
 Operator : SJ/JU  
 Sample : J4206-02  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 JJ1J6

Manual Integrations  
 APPROVED

Sohil  
 8/6/2018 12:50:55 PM

Quant Time: Aug 06 03:10:00 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 06 00:53:27 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.39  | 152  | 1429     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.13 | 136  | 7656     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.02 | 164  | 4859     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.77 | 188  | 11270m   | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 20.98 | 240  | 11846m   | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.21 | 264  | 10587m   | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.73 | 152  | 2284     | 0.19   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 18.81 | 212  | 7608m    | 0.20   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.18 | 128  | 3447     | 0.186  | ng/ul# | 95       |
| 5) 2-Methylnaphthalene      | 11.80 | 142  | 689      | 0.056  | ng/ul  | 98       |
| 7) Acenaphthylene           | 13.73 | 152  | 1733     | 0.082  | ng/ul# | 81       |
| 8) Acenaphthene             | 14.08 | 153  | 584      | 0.038  | ng/ul# | 88       |
| 9) Fluorene                 | 15.08 | 166  | 790      | 0.045  | ng/ul# | 83       |
| 12) Phenanthrene            | 16.81 | 178  | 17523m   | 0.610  | ng/ul  |          |
| 13) Anthracene              | 16.90 | 178  | 1741m    | 0.065  | ng/ul  |          |
| 15) Fluoranthene            | 18.84 | 202  | 23989m   | 0.632  | ng/ul  |          |
| 17) Pyrene                  | 19.21 | 202  | 31006    | 0.977  | ng/ul# | 81       |
| 18) Benzo(a)anthracene      | 20.96 | 228  | 9703m    | 0.287  | ng/ul  |          |
| 19) Chrysene                | 21.01 | 228  | 16565m   | 0.475  | ng/ul  |          |
| 21) Benzo(b)fluoranthene    | 22.54 | 252  | 18172m   | 0.630  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.57 | 252  | 6375m    | 0.205  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.11 | 252  | 14638m   | 0.507  | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 25.50 | 276  | 10260m   | 0.284  | ng/ul  |          |
| 25) Dibenzo(a,h)anthracene  | 25.52 | 278  | 2408m    | 0.081  | ng/ul  |          |
| 26) Benzo(a,h,i)perylene    | 26.21 | 276  | 10951m   | 0.351  | ng/ul  |          |

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

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