

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_E\DATA\BE102618\  
 Data File : BE098082.D  
 Acq On : 26 Oct 2018 10:34  
 Operator : SJ/JU  
 Sample : J5598-04  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AE7

Manual Integrations  
 APPROVED

Sohil  
 10/29/2018 3:09:13 PM

Quant Time: Oct 26 23:35:52 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE102518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 26 23:15:36 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.88  | 152  | 1099     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.68 | 136  | 5448     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.53 | 164  | 4053     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.29 | 188  | 9333m    | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.48 | 240  | 10716m   | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 24.03 | 264  | 10604m   | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.27 | 152  | 2041     | 0.21   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.32 | 212  | 5911m    | 0.19   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) Naphthalene              | 10.73 | 128  | 26225    | 2.011  | ng/ul  | 96       |
| 5) 2-Methylnaphthalene      | 12.34 | 142  | 15978    | 1.621  | ng/ul  | 100      |
| 7) Acenaphthylene           | 14.26 | 152  | 48026    | 3.003  | ng/ul  | 98       |
| 8) Acenaphthene             | 14.60 | 153  | 2501     | 0.209  | ng/ul# | 93       |
| 9) Fluorene                 | 15.59 | 166  | 3310     | 0.230  | ng/ul# | 95       |
| 12) Phenanthrene            | 17.33 | 178  | 211436m  | 9.816  | ng/ul  |          |
| 13) Anthracene              | 17.42 | 178  | 45304m   | 2.130  | ng/ul  |          |
| 15) Fluoranthene            | 19.36 | 202  | 1631929m | 59.423 | ng/ul  |          |
| 17) Pyrene                  | 19.72 | 202  | 1460505  | 58.371 | ng/ul  | 98       |
| 18) Benzo(a)anthracene      | 21.46 | 228  | 1192037m | 37.834 | ng/ul  |          |
| 19) Chrysene                | 21.52 | 228  | 1151274  | 47.236 | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 23.26 | 252  | 1492359m | 50.795 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 23.30 | 252  | 522997m  | 18.186 | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.93 | 252  | 554830m  | 19.635 | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 26.73 | 276  | 460010m  | 14.207 | ng/ul  |          |
| 25) Dibenzo(a,h)anthracene  | 26.75 | 278  | 128224m  | 4.751  | ng/ul  |          |
| 26) Benzo(g,h,i)perylene    | 27.56 | 276  | 379914m  | 13.937 | ng/ul  |          |

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

