

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\  
 Data File : BE096186.D  
 Acq On : 26 Apr 2018 19:20  
 Operator : SJ/JU  
 Sample : J2431-15RE  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :

Quant Time: Apr 27 05:32:31 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 27 04:45:57 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response  | Conc     | Units  | Dev(Min) |
|-----------------------------|-------|------|-----------|----------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.36  | 152  | 1334      | 0.40     | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 11.19 | 136  | 3835      | 0.40     | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.94 | 164  | 27024     | 0.40     | ng/ul  | -0.01    |
| 10) Phenanthrene-d10        | 17.75 | 188  | 2967      | 0.40     | ng/ul  | 0.09     |
| 16) Chrysene-d12            | 21.80 | 240  | 5178m     | 0.40     | ng/ul  | 0.06     |
| 20) Perylene-d12            | 24.48 | 264  | 6117m     | 0.40     | ng/ul  | 0.13     |
| System Monitoring Compounds |       |      |           |          |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.74 | 152  | 1947      | 0.27     | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.72 | 212  | 2021m     | 0.15     | ng/ul  | 0.09     |
| Target Compounds            |       |      |           | Ovalue   |        |          |
| 3) Naphthalene              | 11.24 | 128  | 123255    | 11.543   | ng/ul# | 88       |
| 5) 2-Methylnaphthalene      | 12.82 | 142  | 507862    | 70.986   | ng/ul  | 99       |
| 7) Acenaphthylene           | 14.68 | 152  | 160061    | 1.149    | ng/ul# | 86       |
| 8) Acenaphthene             | 15.05 | 153  | 3501022   | 34.855   | ng/ul  | 95       |
| 9) Fluorene                 | 16.04 | 166  | 6529800   | 49.132   | ng/ul# | 89       |
| 11) Pentachlorophenol       | 17.44 | 266  | 153m      | 0.214    | ng/ul  |          |
| 12) Phenanthrene            | 17.76 | 178  | 23946617  | 2741.305 | ng/ul# | 88       |
| 13) Anthracene              | 17.92 | 178  | 6434592   | 734.212  | ng/ul# | 92       |
| 15) Fluoranthene            | 19.79 | 202  | 16877018m | 1263.959 | ng/ul  |          |
| 17) Pyrene                  | 20.11 | 202  | 11838479m | 1139.643 | ng/ul  |          |
| 18) Benzo(a)anthracene      | 21.79 | 228  | 7576698m  | 483.318  | ng/ul  |          |
| 19) Chrysene                | 21.86 | 228  | 4226533   | 293.405  | ng/ul  | 92       |
| 21) Benzo(b)fluoranthene    | 23.63 | 252  | 3575637m  | 154.375  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 23.67 | 252  | 942312m   | 42.557   | ng/ul  |          |
| 23) Benzo(a)pyrene          | 24.33 | 252  | 2234564m  | 111.049  | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 27.23 | 276  | 764382    | 28.192   | ng/ul# | 70       |
| 25) Dibenzo(a,h)anthracene  | 27.22 | 278  | 217908m   | 9.599    | ng/ul  |          |
| 26) Benzo(g,h,i)perylene    | 28.10 | 276  | 624770m   | 26.473   | ng/ul  |          |

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

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