

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\  
 Data File : BE094240.D  
 Acq On : 10 Oct 2017 3:00  
 Operator : SJ/JU  
 Sample : I5522-22  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 C0AD0

Manual Integrations  
 APPROVED

Sohil  
 10/10/2017 4:57:31 PM

Quant Time: Oct 10 10:58:08 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 09 04:05:38 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.91  | 152  | 2562     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.69 | 136  | 13228    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.51 | 164  | 8033     | 0.40   | ng/ul  | -0.02    |
| 10) Phenanthrene-d10        | 17.24 | 188  | 17020m   | 0.40   | ng/ul  | -0.03    |
| 16) Chrysene-d12            | 21.41 | 240  | 15739    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.92 | 264  | 14725m   | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.27 | 152  | 5825     | 0.28   | ng/ul  | -0.02    |
| 14) Fluoranthene-d10        | 19.27 | 212  | 13377    | 0.24   | ng/ul  | -0.02    |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.74 | 128  | 23746    | 0.733  | ng/ul# | 91       |
| 5) 2-Methylnaphthalene      | 12.35 | 142  | 28359    | 1.349  | ng/ul  | 98       |
| 7) Acenaphthylene           | 14.24 | 152  | 14865    | 0.475  | ng/ul  | 99       |
| 8) Acenaphthene             | 14.57 | 153  | 24174    | 0.938  | ng/ul  | 97       |
| 9) Fluorene                 | 15.56 | 166  | 27167    | 0.900  | ng/ul  | 91       |
| 12) Phenanthrene            | 17.29 | 178  | 605150   | 13.606 | ng/ul# | 93       |
| 13) Anthracene              | 17.38 | 178  | 96140    | 2.223  | ng/ul# | 92       |
| 15) Fluoranthene            | 19.30 | 202  | 965878   | 16.528 | ng/ul  | 84       |
| 17) Pyrene                  | 19.66 | 202  | 873592   | 19.949 | ng/ul# | 82       |
| 18) Benzo(a)anthracene      | 21.39 | 228  | 475155   | 11.380 | ng/ul# | 87       |
| 19) Chrysene                | 21.45 | 228  | 473732   | 9.825  | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 23.15 | 252  | 618500m  | 15.462 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 23.20 | 252  | 210958m  | 4.563  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.81 | 252  | 407223m  | 9.797  | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 26.58 | 276  | 275964m  | 6.490  | ng/ul  |          |
| 25) Dibenzo(a,h)anthracene  | 26.58 | 278  | 80192m   | 2.248  | ng/ul  |          |
| 26) Benzo(a,h,i)perylene    | 27.41 | 276  | 223495m  | 6.094  | ng/ul  |          |

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

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