

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE081017\  
 Data File : BE093740.D  
 Acq On : 10 Aug 2017 9:39  
 Operator : SJ/JU  
 Sample : SSTDC00.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTD0.447

Quant Time: Aug 11 17:29:14 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE072417.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 11 06:07:04 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.92  | 152  | 2236     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.71 | 136  | 11713    | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.53 | 164  | 6955     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.26 | 188  | 17133    | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.41 | 240  | 18614    | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.91 | 264  | 17003    | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.29 | 152  | 7600     | 0.40  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.27 | 212  | 19203    | 0.36  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       | Qvalue |          |
| 3) Naphthalene              | 10.75 | 128  | 11542    | 0.405 | ng/ul# | 92       |
| 5) 2-Methylnaphthalene      | 12.36 | 142  | 8200     | 0.395 | ng/ul  | 98       |
| 7) Acenaphthylene           | 14.24 | 152  | 11640    | 0.400 | ng/ul  | 97       |
| 8) Acenaphthene             | 14.59 | 153  | 9123     | 0.399 | ng/ul  | 98       |
| 9) Fluorene                 | 15.57 | 166  | 10788    | 0.373 | ng/ul# | 90       |
| 11) Pentachlorophenol       | 16.93 | 266  | 837      | 0.296 | ng/ul  | 96       |
| 12) Phenanthrene            | 17.29 | 178  | 18513    | 0.397 | ng/ul# | 88       |
| 13) Anthracene              | 17.38 | 178  | 17285    | 0.380 | ng/ul# | 88       |
| 15) Fluoranthene            | 19.30 | 202  | 20916    | 0.358 | ng/ul  | 84       |
| 17) Pyrene                  | 19.66 | 202  | 21527    | 0.396 | ng/ul# | 81       |
| 18) Benzo(a)anthracene      | 21.39 | 228  | 20538    | 0.381 | ng/ul# | 85       |
| 19) Chrysene                | 21.44 | 228  | 20615    | 0.398 | ng/ul  | 97       |
| 21) Benzo(b)fluoranthene    | 23.14 | 252  | 20633    | 0.392 | ng/ul  | 86       |
| 22) Benzo(k)fluoranthene    | 23.19 | 252  | 19541    | 0.377 | ng/ul# | 86       |
| 23) Benzo(a)pyrene          | 23.80 | 252  | 19612    | 0.392 | ng/ul# | 82       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.55 | 276  | 21109    | 0.382 | ng/ul# | 86       |
| 25) Dibenzo(a,h)anthracene  | 26.57 | 278  | 17489    | 0.379 | ng/ul# | 91       |
| 26) Benzo(g,h,i)perylene    | 27.36 | 276  | 17235    | 0.370 | ng/ul  | 97       |

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

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