

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102017\  
 Data File : BE094467.D  
 Acq On : 20 Oct 2017 10:15  
 Operator : SJ/JU  
 Sample : SSTDC00.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTD0.444

Quant Time: Oct 22 02:46:04 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 18 17:51:02 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.91  | 152  | 1465     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.70 | 136  | 7983     | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.52 | 164  | 4674     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.26 | 188  | 10678    | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.42 | 240  | 11060    | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.95 | 264  | 10799    | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.29 | 152  | 5118     | 0.41  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.28 | 212  | 12836    | 0.36  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       | Ovalue |          |
| 3) Naphthalene              | 10.75 | 128  | 7773     | 0.398 | ng/ul# | 93       |
| 5) 2-Methylnaphthalene      | 12.36 | 142  | 5466     | 0.431 | ng/ul  | 99       |
| 7) Acenaphthylene           | 14.24 | 152  | 8627     | 0.473 | ng/ul  | 97       |
| 8) Acenaphthene             | 14.58 | 153  | 6088     | 0.406 | ng/ul  | 99       |
| 9) Fluorene                 | 15.57 | 166  | 7054     | 0.402 | ng/ul# | 93       |
| 11) Pentachlorophenol       | 16.98 | 266  | 479      | 0.382 | ng/ul  | 98       |
| 12) Phenanthrene            | 17.29 | 178  | 11364    | 0.407 | ng/ul# | 85       |
| 13) Anthracene              | 17.39 | 178  | 11025    | 0.406 | ng/ul# | 93       |
| 15) Fluoranthene            | 19.31 | 202  | 13206    | 0.360 | ng/ul  | 85       |
| 17) Pyrene                  | 19.68 | 202  | 13913    | 0.452 | ng/ul# | 82       |
| 18) Benzo(a)anthracene      | 21.40 | 228  | 13052    | 0.445 | ng/ul# | 86       |
| 19) Chrysene                | 21.46 | 228  | 12528    | 0.370 | ng/ul  | 97       |
| 21) Benzo(b)fluoranthene    | 23.17 | 252  | 12198    | 0.416 | ng/ul  | 90       |
| 22) Benzo(k)fluoranthene    | 23.22 | 252  | 12529    | 0.369 | ng/ul  | 92       |
| 23) Benzo(a)pyrene          | 23.84 | 252  | 11908    | 0.391 | ng/ul# | 86       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.63 | 276  | 13001    | 0.417 | ng/ul# | 84       |
| 25) Dibenzo(a,h)anthracene  | 26.64 | 278  | 10964    | 0.419 | ng/ul  | 93       |
| 26) Benzo(g,h,i)perylene    | 27.47 | 276  | 10464    | 0.389 | ng/ul  | 97       |

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

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