

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE110617\  
 Data File : BE094761.D  
 Acq On : 6 Nov 2017 19:50  
 Operator : SJ/JU  
 Sample : SSTDC00.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTD0.478

Quant Time: Nov 07 00:15:08 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE102517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 07 00:12:32 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.92  | 152  | 1121     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.71 | 136  | 6829     | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.52 | 164  | 3713     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.28 | 188  | 7972     | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.43 | 240  | 8011     | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.98 | 264  | 7702     | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.29 | 152  | 4060     | 0.37  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.29 | 212  | 9174     | 0.39  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       | Qvalue |          |
| 3) Naphthalene              | 10.76 | 128  | 5919     | 0.354 | ng/ul# | 94       |
| 5) 2-Methylnaphthalene      | 12.37 | 142  | 4089     | 0.350 | ng/ul  | 99       |
| 7) Acenaphthylene           | 14.25 | 152  | 6136     | 0.365 | ng/ul  | 97       |
| 8) Acenaphthene             | 14.59 | 153  | 4359     | 0.361 | ng/ul  | 99       |
| 9) Fluorene                 | 15.58 | 166  | 4807     | 0.355 | ng/ul  | 94       |
| 11) Pentachlorophenol       | 17.05 | 266  | 140      | 0.352 | ng/ul# | 84       |
| 12) Phenanthrene            | 17.31 | 178  | 7467     | 0.355 | ng/ul# | 92       |
| 13) Anthracene              | 17.40 | 178  | 7893     | 0.380 | ng/ul# | 91       |
| 15) Fluoranthene            | 19.32 | 202  | 9311     | 0.382 | ng/ul  | 84       |
| 17) Pyrene                  | 19.68 | 202  | 9788     | 0.395 | ng/ul# | 81       |
| 18) Benzo(a)anthracene      | 21.42 | 228  | 8948     | 0.391 | ng/ul# | 89       |
| 19) Chrysene                | 21.47 | 228  | 8768     | 0.370 | ng/ul  | 94       |
| 21) Benzo(b)fluoranthene    | 23.19 | 252  | 8354     | 0.386 | ng/ul  | 93       |
| 22) Benzo(k)fluoranthene    | 23.24 | 252  | 8620     | 0.371 | ng/ul# | 94       |
| 23) Benzo(a)pyrene          | 23.86 | 252  | 8260     | 0.381 | ng/ul# | 92       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.70 | 276  | 7486     | 0.334 | ng/ul# | 79       |
| 25) Dibenzo(a,h)anthracene  | 26.68 | 278  | 6716     | 0.356 | ng/ul# | 88       |
| 26) Benzo(g,h,i)perylene    | 27.54 | 276  | 5624     | 0.313 | ng/ul# | 80       |

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

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