

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE110317\  
 Data File : BE094715.D  
 Acq On : 3 Nov 2017 19:43  
 Operator : SJ/JU  
 Sample : SSTDC00.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTD0.473

Manual Integrations  
 APPROVED

Sohil  
 11/4/2017 2:15:33 PM

Quant Time: Nov 03 23:51:30 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE102517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Nov 04 00:03:51 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.91  | 152  | 1141     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.70 | 136  | 6985     | 0.40   | ng/ul  | -0.02    |
| 6) Acenaphthene-d10         | 14.52 | 164  | 3873     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.26 | 188  | 8347     | 0.40   | ng/ul  | -0.02    |
| 16) Chrysene-d12            | 21.43 | 240  | 8449     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.96 | 264  | 8366     | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.29 | 152  | 4140     | 0.37   | ng/ul  | -0.01    |
| 14) Fluoranthene-d10        | 19.29 | 212  | 9513     | 0.38   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) Naphthalene              | 10.75 | 128  | 6174     | 0.362  | ng/ul# | 94       |
| 5) 2-Methylnaphthalene      | 12.36 | 142  | 4218     | 0.353  | ng/ul  | 100      |
| 7) Acenaphthylene           | 14.24 | 152  | 6456     | 0.369  | ng/ul  | 98       |
| 8) Acenaphthene             | 14.58 | 153  | 4513     | 0.358  | ng/ul  | 98       |
| 9) Fluorene                 | 15.57 | 166  | 5115     | 0.362  | ng/ul  | 91       |
| 11) Pentachlorophenol       | 17.01 | 266  | 181m     | 0.434  | ng/ul  |          |
| 12) Phenanthrene            | 17.31 | 178  | 7985     | 0.362  | ng/ul# | 93       |
| 13) Anthracene              | 17.39 | 178  | 8786m    | 0.404  | ng/ul  |          |
| 15) Fluoranthene            | 19.32 | 202  | 9732     | 0.382  | ng/ul  | 84       |
| 17) Pyrene                  | 19.68 | 202  | 10456    | 0.400  | ng/ul# | 83       |
| 18) Benzo(a)anthracene      | 21.41 | 228  | 9333     | 0.386  | ng/ul# | 89       |
| 19) Chrysene                | 21.47 | 228  | 9117     | 0.365  | ng/ul  | 92       |
| 21) Benzo(b)fluoranthene    | 23.18 | 252  | 8690     | 0.369  | ng/ul  | 91       |
| 22) Benzo(k)fluoranthene    | 23.23 | 252  | 9171     | 0.364  | ng/ul# | 91       |
| 23) Benzo(a)pyrene          | 23.86 | 252  | 8766     | 0.373  | ng/ul# | 91       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.67 | 276  | 8232     | 0.338  | ng/ul# | 82       |
| 25) Dibenzo(a,h)anthracene  | 26.66 | 278  | 7133     | 0.348  | ng/ul# | 84       |
| 26) Benzo(g,h,i)perylene    | 27.52 | 276  | 6030     | 0.309  | ng/ul# | 79       |

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

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