

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE101518\  
 Data File : BE097900.D  
 Acq On : 15 Oct 2018 15:13  
 Operator : SJ/JU  
 Sample : SSTDC00.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTD0.456

Manual Integrations  
 APPROVED

Sohil  
 10/15/2018 5:48:22 PM

Quant Time: Oct 15 16:26:30 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE101118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 15 16:15:33 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.90  | 152  | 1810     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.71 | 136  | 9705     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.56 | 164  | 6087     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.32 | 188  | 13985    | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.50 | 240  | 15515    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 24.07 | 264  | 15750    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.30 | 152  | 7180     | 0.44   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.35 | 212  | 19191    | 0.42   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) Naphthalene              | 10.76 | 128  | 10258    | 0.434  | ng/ul  | 98       |
| 5) 2-Methylnaphthalene      | 12.38 | 142  | 7376     | 0.432  | ng/ul  | 100      |
| 7) Acenaphthylene           | 14.28 | 152  | 10669    | 0.463  | ng/ul  | 97       |
| 8) Acenaphthene             | 14.62 | 153  | 7872     | 0.441  | ng/ul  | 98       |
| 9) Fluorene                 | 15.62 | 166  | 9109     | 0.391  | ng/ul  | 99       |
| 11) Pentachlorophenol       | 16.99 | 266  | 430m     | 0.218  | ng/ul  |          |
| 12) Phenanthrene            | 17.36 | 178  | 14598    | 0.441  | ng/ul  | 99       |
| 13) Anthracene              | 17.45 | 178  | 14328    | 0.467  | ng/ul  | 99       |
| 15) Fluoranthene            | 19.38 | 202  | 18134    | 0.426  | ng/ul  | 98       |
| 17) Pyrene                  | 19.74 | 202  | 23378    | 0.506  | ng/ul  | 97       |
| 18) Benzo(a)anthracene      | 21.48 | 228  | 20204    | 0.431  | ng/ul  | 98       |
| 19) Chrysene                | 21.54 | 228  | 20122    | 0.477  | ng/ul  | 96       |
| 21) Benzo(b)fluoranthene    | 23.28 | 252  | 19157    | 0.455  | ng/ul  | 94       |
| 22) Benzo(k)fluoranthene    | 23.33 | 252  | 20121    | 0.447  | ng/ul# | 94       |
| 23) Benzo(a)pyrene          | 23.96 | 252  | 18963    | 0.459  | ng/ul# | 92       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.79 | 276  | 20348    | 0.434  | ng/ul# | 100      |
| 25) Dibenzo(a,h)anthracene  | 26.82 | 278  | 17292    | 0.446  | ng/ul# | 90       |
| 26) Benzo(g,h,i)perylene    | 27.62 | 276  | 16187    | 0.396  | ng/ul# | 90       |

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

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