

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_E\DATA\BE102218\  
 Data File : BE098013.D  
 Acq On : 22 Oct 2018 17:28  
 Operator : SJ/JU  
 Sample : SSTDC00.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTD0.459

Quant Time: Oct 23 01:28:10 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE101018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 23 01:24:18 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.88  | 152  | 1567     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.68 | 136  | 7541     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.54 | 164  | 5261     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.30 | 188  | 13166    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.48 | 240  | 17116    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 24.03 | 264  | 14777    | 0.40 | ng/ul | 0.00     |

|                             |       |     |       |      |       |      |
|-----------------------------|-------|-----|-------|------|-------|------|
| System Monitoring Compounds |       |     |       |      |       |      |
| 4) 2-Methylnaphthalene-d10  | 12.28 | 152 | 5111  | 0.43 | ng/ul | 0.00 |
| 14) Fluoranthene-d10        | 19.32 | 212 | 15929 | 0.37 | ng/ul | 0.00 |

|                            |       |     |       |        |        |     |
|----------------------------|-------|-----|-------|--------|--------|-----|
| Target Compounds           |       |     |       | Qvalue |        |     |
| 3) Naphthalene             | 10.73 | 128 | 6996  | 0.385  | ng/ul  | 99  |
| 5) 2-Methylnaphthalene     | 12.35 | 142 | 5222  | 0.433  | ng/ul  | 97  |
| 7) Acenaphthylene          | 14.26 | 152 | 8176  | 0.441  | ng/ul  | 98  |
| 8) Acenaphthene            | 14.60 | 153 | 6004  | 0.389  | ng/ul  | 97  |
| 9) Fluorene                | 15.59 | 166 | 7211  | 0.387  | ng/ul  | 100 |
| 11) Pentachlorophenol      | 16.96 | 266 | 656   | 0.546  | ng/ul  | 96  |
| 12) Phenanthrene           | 17.34 | 178 | 11782 | 0.375  | ng/ul  | 100 |
| 13) Anthracene             | 17.43 | 178 | 11716 | 0.439  | ng/ul  | 100 |
| 15) Fluoranthene           | 19.36 | 202 | 14571 | 0.351  | ng/ul  | 99  |
| 17) Pyrene                 | 19.72 | 202 | 16998 | 0.404  | ng/ul  | 99  |
| 18) Benzo(a)anthracene     | 21.46 | 228 | 19206 | 0.404  | ng/ul  | 99  |
| 19) Chrysene               | 21.51 | 228 | 15447 | 0.337  | ng/ul  | 97  |
| 21) Benzo(b)fluoranthene   | 23.24 | 252 | 15548 | 0.407  | ng/ul  | 97  |
| 22) Benzo(k)fluoranthene   | 23.30 | 252 | 15047 | 0.348  | ng/ul  | 95  |
| 23) Benzo(a)pyrene         | 23.91 | 252 | 14810 | 0.424  | ng/ul# | 94  |
| 24) Indeno(1,2,3-cd)pyrene | 26.72 | 276 | 17256 | 0.435  | ng/ul# | 100 |
| 25) Dibenzo(a,h)anthracene | 26.75 | 278 | 14260 | 0.430  | ng/ul  | 96  |
| 26) Benzo(g,h,i)perylene   | 27.55 | 276 | 14528 | 0.388  | ng/ul  | 97  |

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

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