

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA\_E\DATA\BE020318\  
 Data File : BE095482.D  
 Acq On : 4 Feb 2018 17:49  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTD0.441

Quant Time: Feb 05 06:48:00 2018  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 05 04:46:10 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.43  | 152  | 1501     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 11.26 | 136  | 4608     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 15.02 | 164  | 2762     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.71 | 188  | 6291     | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.80 | 240  | 6660     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 24.44 | 264  | 6261     | 0.40 | ng/ul | 0.00     |

|                             |       |     |      |      |       |      |
|-----------------------------|-------|-----|------|------|-------|------|
| System Monitoring Compounds |       |     |      |      |       |      |
| 4) 2-Methylnaphthalene-d10  | 12.81 | 152 | 3674 | 0.49 | ng/ul | 0.00 |
| 14) Fluoranthene-d10        | 19.69 | 212 | 9077 | 0.38 | ng/ul | 0.00 |

|                            |       |     |       |        |        |    |
|----------------------------|-------|-----|-------|--------|--------|----|
| Target Compounds           |       |     |       | Qvalue |        |    |
| 3) Naphthalene             | 11.31 | 128 | 6080  | 0.471  | ng/ul# | 90 |
| 5) 2-Methylnaphthalene     | 12.88 | 142 | 4258  | 0.494  | ng/ul  | 99 |
| 7) Acenaphthylene          | 14.74 | 152 | 6371  | 0.479  | ng/ul  | 98 |
| 8) Acenaphthene            | 15.08 | 153 | 4646  | 0.451  | ng/ul  | 96 |
| 9) Fluorene                | 16.02 | 166 | 5272  | 0.496  | ng/ul# | 85 |
| 11) Pentachlorophenol      | 17.36 | 266 | 402   | 0.330  | ng/ul  | 98 |
| 12) Phenanthrene           | 17.75 | 178 | 8648  | 0.409  | ng/ul# | 91 |
| 13) Anthracene             | 17.85 | 178 | 7799  | 0.403  | ng/ul# | 93 |
| 15) Fluoranthene           | 19.72 | 202 | 10219 | 0.373  | ng/ul  | 84 |
| 17) Pyrene                 | 20.07 | 202 | 10676 | 0.478  | ng/ul# | 80 |
| 18) Benzo(a)anthracene     | 21.78 | 228 | 9665  | 0.464  | ng/ul# | 84 |
| 19) Chrysene               | 21.84 | 228 | 9330  | 0.432  | ng/ul  | 97 |
| 21) Benzo(b)fluoranthene   | 23.62 | 252 | 9232  | 0.418  | ng/ul  | 85 |
| 22) Benzo(k)fluoranthene   | 23.67 | 252 | 8587  | 0.425  | ng/ul# | 88 |
| 23) Benzo(a)pyrene         | 24.31 | 252 | 8498  | 0.431  | ng/ul# | 80 |
| 24) Indeno(1,2,3-cd)pyrene | 27.25 | 276 | 8832  | 0.408  | ng/ul# | 77 |
| 25) Dibenzo(a,h)anthracene | 27.26 | 278 | 7100  | 0.401  | ng/ul  | 93 |
| 26) Benzo(g,h,i)perylene   | 28.12 | 276 | 7457  | 0.407  | ng/ul  | 95 |

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

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