

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN101318\  
 Data File : BN003159.D  
 Acq On : 13 Oct 2018 02:53  
 Operator : MJ/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.410

Quant Time: Oct 13 04:58:26 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN100918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Oct 13 04:51:37 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.66  | 152  | 912      | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.42 | 136  | 4586     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.27 | 164  | 2798     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.04 | 188  | 6759     | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.24 | 240  | 5521     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.46 | 264  | 4543     | 0.40 | ng/ul | 0.00     |

|                             |       |     |      |      |       |      |
|-----------------------------|-------|-----|------|------|-------|------|
| System Monitoring Compounds |       |     |      |      |       |      |
| 4) 2-Methylnaphthalene-d10  | 12.03 | 152 | 3143 | 0.44 | ng/ul | 0.01 |
| 14) Fluoranthene-d10        | 19.07 | 212 | 8508 | 0.44 | ng/ul | 0.00 |

|                            |       |     |      |        |        |     |
|----------------------------|-------|-----|------|--------|--------|-----|
| Target Compounds           |       |     |      | Qvalue |        |     |
| 3) Naphthalene             | 10.47 | 128 | 5017 | 0.426  | ng/ul  | 98  |
| 5) 2-Methylnaphthalene     | 12.11 | 142 | 3562 | 0.440  | ng/ul  | 99  |
| 7) Acenaphthylene          | 14.00 | 152 | 5504 | 0.430  | ng/ul  | 99  |
| 8) Acenaphthene            | 14.34 | 153 | 4269 | 0.439  | ng/ul  | 99  |
| 9) Fluorene                | 15.35 | 166 | 4976 | 0.447  | ng/ul  | 99  |
| 11) Pentachlorophenol      | 16.74 | 266 | 366  | 0.558  | ng/ul  | 95  |
| 12) Phenanthrene           | 17.08 | 178 | 8216 | 0.436  | ng/ul  | 99  |
| 13) Anthracene             | 17.18 | 178 | 7702 | 0.433  | ng/ul  | 99  |
| 15) Fluoranthene           | 19.10 | 202 | 9734 | 0.440  | ng/ul  | 98  |
| 17) Pyrene                 | 19.47 | 202 | 9872 | 0.460  | ng/ul  | 100 |
| 18) Benzo(a)anthracene     | 21.23 | 228 | 7789 | 0.438  | ng/ul  | 99  |
| 19) Chrysene               | 21.27 | 228 | 8034 | 0.445  | ng/ul  | 99  |
| 21) Benzo(b)fluoranthene   | 22.79 | 252 | 6577 | 0.402  | ng/ul  | 99  |
| 22) Benzo(k)fluoranthene   | 22.84 | 252 | 7048 | 0.416  | ng/ul  | 98  |
| 23) Benzo(a)pyrene         | 23.37 | 252 | 6456 | 0.440  | ng/ul  | 98  |
| 24) Indeno(1,2,3-cd)pyrene | 25.68 | 276 | 7336 | 0.435  | ng/ul# | 99  |
| 25) Dibenzo(a,h)anthracene | 25.68 | 278 | 5891 | 0.437  | ng/ul  | 99  |
| 26) Benzo(g,h,i)perylene   | 26.36 | 276 | 6189 | 0.436  | ng/ul  | 99  |

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

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