

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121619\  
 Data File : BN008998.D  
 Acq On : 16 Dec 2019 14:34  
 Operator : JU  
 Sample : SSTD3.201  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD3.201

Quant Time: Dec 16 15:30:29 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 16 13:30:13 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.55  | 152  | 2105     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.31 | 136  | 9175     | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.18 | 164  | 5658     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.92 | 188  | 13510    | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.13 | 240  | 11699    | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.28 | 264  | 9397     | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.90 | 152  | 50142    | 3.33  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 18.96 | 212  | 131191   | 3.18  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       | Ovalue |          |
| 3) Naphthalene              | 10.35 | 128  | 85054    | 3.075 | ng/ul  | 99       |
| 5) 2-Methylnaphthalene      | 11.97 | 142  | 64276    | 3.328 | ng/ul  | 100      |
| 7) Acenaphthylene           | 13.89 | 152  | 99667    | 3.186 | ng/ul  | 99       |
| 8) Acenaphthene             | 14.24 | 153  | 72944    | 3.142 | ng/ul  | 99       |
| 9) Fluorene                 | 15.23 | 166  | 87430    | 3.207 | ng/ul  | 99       |
| 11) Pentachlorophenol       | 16.58 | 266  | 13771    | 2.693 | ng/ul  | 99       |
| 12) Phenanthrene            | 16.96 | 178  | 146661   | 3.219 | ng/ul  | 100      |
| 13) Anthracene              | 17.05 | 178  | 140625   | 3.266 | ng/ul  | 99       |
| 15) Fluoranthene            | 18.99 | 202  | 175618   | 3.137 | ng/ul  | 99       |
| 17) Pyrene                  | 19.35 | 202  | 173307   | 3.693 | ng/ul  | 100      |
| 18) Benzo(a)anthracene      | 21.12 | 228  | 160358   | 3.408 | ng/ul  | 99       |
| 19) Chrysene                | 21.17 | 228  | 152301   | 3.296 | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 22.64 | 252  | 132793   | 3.427 | ng/ul  | 94       |
| 22) Benzo(k)fluoranthene    | 22.69 | 252  | 134326   | 3.495 | ng/ul# | 94       |
| 23) Benzo(a)pyrene          | 23.18 | 252  | 118247   | 3.251 | ng/ul# | 93       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.38 | 276  | 124259   | 2.921 | ng/ul# | 99       |
| 25) Dibenzo(a,h)anthracene  | 25.39 | 278  | 100239   | 2.918 | ng/ul  | 97       |
| 26) Benzo(g,h,i)perylene    | 26.02 | 276  | 102659   | 2.885 | ng/ul  | 98       |

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

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