

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061819\  
 Data File : BN006369.D  
 Acq On : 18 Jun 2019 09:11  
 Operator : JU/SJ  
 Sample : SSTDC00.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDC0.424

Manual Integrations  
 APPROVED

mohammad  
 6/21/2019 8:38:46 AM

Quant Time: Jun 18 15:54:35 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 17 11:13:07 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.64  | 152  | 4741     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.42 | 136  | 19459    | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.29 | 164  | 9406     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.05 | 188  | 16310    | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.27 | 240  | 10337    | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.50 | 264  | 11563    | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.02 | 152  | 11418    | 0.38  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.09 | 212  | 15732    | 0.36  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       | Ovalue |          |
| 3) Naphthalene              | 10.47 | 128  | 22641    | 0.422 | ng/ul  | 100      |
| 5) 2-Methylnaphthalene      | 12.09 | 142  | 14362    | 0.384 | ng/ul  | 98       |
| 7) Acenaphthylene           | 14.01 | 152  | 19143    | 0.366 | ng/ul  | 100      |
| 8) Acenaphthene             | 14.35 | 153  | 15260    | 0.421 | ng/ul  | 99       |
| 9) Fluorene                 | 15.35 | 166  | 14798    | 0.349 | ng/ul  | 98       |
| 11) Pentachlorophenol       | 16.72 | 266  | 1615     | 0.390 | ng/ul  | 98       |
| 12) Phenanthrene            | 17.09 | 178  | 20736    | 0.396 | ng/ul  | 99       |
| 13) Anthracene              | 17.19 | 178  | 16514    | 0.330 | ng/ul  | 99       |
| 15) Fluoranthene            | 19.12 | 202  | 20961    | 0.363 | ng/ul  | 97       |
| 17) Pyrene                  | 19.49 | 202  | 21915    | 0.402 | ng/ul  | 100      |
| 18) Benzo(a)anthracene      | 21.25 | 228  | 15796    | 0.346 | ng/ul  | 98       |
| 19) Chrysene                | 21.31 | 228  | 20554    | 0.479 | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 22.83 | 252  | 18724    | 0.388 | ng/ul  | 92       |
| 22) Benzo(k)fluoranthene    | 22.88 | 252  | 20265m   | 0.432 | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.41 | 252  | 19027    | 0.424 | ng/ul# | 89       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.74 | 276  | 20711    | 0.426 | ng/ul# | 96       |
| 25) Dibenzo(a,h)anthracene  | 25.75 | 278  | 16020    | 0.412 | ng/ul  | 93       |
| 26) Benzo(g,h,i)perylene    | 26.42 | 276  | 18199    | 0.447 | ng/ul  | 95       |

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

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