

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111919\  
 Data File : BN008651.D  
 Acq On : 20 Nov 2019 04:16  
 Operator : JU  
 Sample : SSTDC00.4EC  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SST00.414

Manual Integrations  
 APPROVED

mohammad  
 11/21/2019 9:05:48 AM

Quant Time: Nov 20 04:57:11 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 20 04:45:41 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.62  | 152  | 4544     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.38 | 136  | 16528    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.24 | 164  | 9176     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.99 | 188  | 18410    | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.18 | 240  | 15511    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.35 | 264  | 15706    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.97 | 152  | 10933    | 0.40   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.02 | 212  | 22391    | 0.40   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.43 | 128  | 20021    | 0.402  | ng/ul  | 99       |
| 5) 2-Methylnaphthalene      | 12.05 | 142  | 13973    | 0.402  | ng/ul  | 100      |
| 7) Acenaphthylene           | 13.96 | 152  | 19558    | 0.385  | ng/ul  | 98       |
| 8) Acenaphthene             | 14.31 | 153  | 14146    | 0.376  | ng/ul  | 99       |
| 9) Fluorene                 | 15.30 | 166  | 16095    | 0.364  | ng/ul  | 99       |
| 11) Pentachlorophenol       | 16.64 | 266  | 2385     | 0.342  | ng/ul  | 98       |
| 12) Phenanthrene            | 17.03 | 178  | 26085    | 0.420  | ng/ul  | 99       |
| 13) Anthracene              | 17.12 | 178  | 24497    | 0.418  | ng/ul  | 99       |
| 15) Fluoranthene            | 19.05 | 202  | 29662    | 0.389  | ng/ul  | 95       |
| 17) Pyrene                  | 19.41 | 202  | 30219    | 0.486  | ng/ul  | 98       |
| 18) Benzo(a)anthracene      | 21.17 | 228  | 28226    | 0.453  | ng/ul  | 100      |
| 19) Chrysene                | 21.22 | 228  | 27219    | 0.444  | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 22.71 | 252  | 26409    | 0.408  | ng/ul  | 98       |
| 22) Benzo(k)fluoranthene    | 22.75 | 252  | 27150m   | 0.423  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.26 | 252  | 25330    | 0.417  | ng/ul  | 97       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.49 | 276  | 29656    | 0.417  | ng/ul# | 93       |
| 25) Dibenzo(a,h)anthracene  | 25.51 | 278  | 23924    | 0.417  | ng/ul  | 99       |
| 26) Benzo(g,h,i)perylene    | 26.14 | 276  | 24686    | 0.415  | ng/ul  | 98       |

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

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