

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM091019\  
 Data File : BM022616.D  
 Acq On : 10 Sep 2019 12:49  
 Operator : HP/JU  
 Sample : SST0.454  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST0.454

Quant Time: Sep 10 13:39:15 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM091019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 10 13:22:48 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.85  | 152  | 13230    | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.64 | 136  | 51352    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.48 | 164  | 27156    | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.22 | 188  | 60328    | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.39 | 240  | 42413    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.67 | 264  | 37926    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.23 | 152  | 34139    | 0.40   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.24 | 212  | 63769    | 0.31   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) Naphthalene              | 10.69 | 128  | 59157    | 0.408  | ng/ul  | 100      |
| 5) 2-Methylnaphthalene      | 12.31 | 142  | 40765    | 0.422  | ng/ul  | 100      |
| 7) Acenaphthylene           | 14.20 | 152  | 49468    | 0.391  | ng/ul  | 100      |
| 8) Acenaphthene             | 14.54 | 153  | 42032    | 0.406  | ng/ul  | 100      |
| 9) Fluorene                 | 15.53 | 166  | 47982    | 0.417  | ng/ul  | 100      |
| 11) Pentachlorophenol       | 16.87 | 266  | 4765     | 0.428  | ng/ul  | 100      |
| 12) Phenanthrene            | 17.26 | 178  | 76563    | 0.436  | ng/ul  | 100      |
| 13) Anthracene              | 17.35 | 178  | 64876    | 0.433  | ng/ul  | 100      |
| 15) Fluoranthene            | 19.27 | 202  | 80198    | 0.341  | ng/ul  | 100      |
| 17) Pyrene                  | 19.63 | 202  | 80324    | 0.461  | ng/ul  | 100      |
| 18) Benzo(a)anthracene      | 21.37 | 228  | 63796    | 0.421  | ng/ul  | 100      |
| 19) Chrysene                | 21.43 | 228  | 69264    | 0.355  | ng/ul  | 100      |
| 21) Benzo(b)fluoranthene    | 22.99 | 252  | 66430    | 0.519  | ng/ul  | 100      |
| 22) Benzo(k)fluoranthene    | 23.03 | 252  | 67459    | 0.466  | ng/ul  | 100      |
| 23) Benzo(a)pyrene          | 23.57 | 252  | 57520    | 0.442  | ng/ul  | 100      |
| 24) Indeno(1,2,3-cd)pyrene  | 25.99 | 276  | 74758    | 0.481  | ng/ul# | 100      |
| 25) Dibenzo(a,h)anthracene  | 26.01 | 278  | 60559    | 0.482  | ng/ul  | 100      |
| 26) Benzo(g,h,i)perylene    | 26.70 | 276  | 58122    | 0.416  | ng/ul  | 100      |

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

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