

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM041520\  
 Data File : BM025958.D  
 Acq On : 15 Apr 2020 10:03  
 Operator : MA/SJ  
 Sample : SSTD0.476  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.476

Quant Time: Apr 15 10:43:19 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM041520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 15 10:41:32 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.56  | 152  | 1121     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.32 | 136  | 4233     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.20 | 164  | 2667     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.94 | 188  | 6133     | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.14 | 240  | 5171     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.28 | 264  | 4603     | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.92 | 152  | 2353     | 0.31   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 18.98 | 212  | 5688     | 0.30   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.37 | 128  | 4435     | 0.356  | ng/ul  | 100      |
| 5) 2-Methylnaphthalene      | 12.00 | 142  | 2989     | 0.343  | ng/ul  | 100      |
| 7) Acenaphthylene           | 13.92 | 152  | 3966     | 0.348  | ng/ul  | 100      |
| 8) Acenaphthene             | 14.26 | 153  | 3419     | 0.361  | ng/ul  | 100      |
| 9) Fluorene                 | 15.25 | 166  | 4026     | 0.343  | ng/ul  | 100      |
| 11) Pentachlorophenol       | 16.61 | 266  | 455      | 0.302  | ng/ul  | 100      |
| 12) Phenanthrene            | 16.98 | 178  | 6775     | 0.351  | ng/ul  | 100      |
| 13) Anthracene              | 17.08 | 178  | 5734     | 0.336  | ng/ul  | 100      |
| 15) Fluoranthene            | 19.01 | 202  | 7842     | 0.328  | ng/ul  | 100      |
| 17) Pyrene                  | 19.37 | 202  | 7855     | 0.424  | ng/ul  | 100      |
| 18) Benzo(a)anthracene      | 21.12 | 228  | 6310     | 0.341  | ng/ul  | 100      |
| 19) Chrysene                | 21.17 | 228  | 7892     | 0.391  | ng/ul  | 100      |
| 21) Benzo(b)fluoranthene    | 22.65 | 252  | 6662     | 0.393  | ng/ul  | 100      |
| 22) Benzo(k)fluoranthene    | 22.69 | 252  | 7405     | 0.408  | ng/ul  | 100      |
| 23) Benzo(a)pyrene          | 23.19 | 252  | 5648     | 0.373  | ng/ul  | 100      |
| 24) Indeno(1,2,3-cd)pyrene  | 25.40 | 276  | 6272     | 0.309  | ng/ul# | 100      |
| 25) Dibenzo(a,h)anthracene  | 25.42 | 278  | 4749     | 0.281  | ng/ul  | 100      |
| 26) Benzo(g,h,i)perylene    | 26.04 | 276  | 5841     | 0.341  | ng/ul  | 100      |

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

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