

Data Path : Z:\HPCHEM1\BNA M\Data\BM112015\  
 Data File : BM003215.D  
 Acq On : 20 Nov 2015 09:25  
 Operator : UM/IZ  
 Sample : SSTDC00.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.456

Quant Time: Nov 21 03:20:40 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 20 13:20:12 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.74  | 152  | 15773    | 0.40   | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.53 | 136  | 58883    | 0.40   | ng/ul  | 0.00     |
| 8) Acenaphthene-d10         | 14.38 | 164  | 28020    | 0.40   | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.12 | 188  | 55662    | 0.40   | ng/ul  | 0.00     |
| 18) Chrysene-d12            | 21.33 | 240  | 52503    | 0.40   | ng/ul  | 0.00     |
| 22) Perylene-d12            | 23.58 | 264  | 50926    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 2) 1,4-Dioxane-d8           | 3.20  | 96   | 16400    | 0.97   | ng/uL  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.12 | 152  | 32957    | 0.41   | ng/ul  | 0.00     |
| 16) Fluoranthene-d10        | 19.17 | 212  | 53861    | 0.40   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) 1,4-Dioxane              | 3.23  | 88   | 18662    | 0.97   | ng/ul# | 100      |
| 5) Naphthalene              | 10.58 | 128  | 61226    | 0.41   | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.19 | 142  | 41030    | 0.42   | ng/ul# | 100      |
| 9) Acenaphthylene           | 14.09 | 152  | 50189    | 0.43   | ng/ul  | 99       |
| 10) Acenaphthene            | 14.45 | 153  | 39851    | 0.40   | ng/ul  | 100      |
| 11) Fluorene                | 15.44 | 166  | 42657    | 0.40   | ng/ul  | 99       |
| 13) Pentachlorophenol       | 16.78 | 266  | 5488     | 0.42   | ng/ul  | 95       |
| 14) Phenanthrene            | 17.17 | 178  | 65906    | 0.41   | ng/ul  | 99       |
| 15) Anthracene              | 17.26 | 178  | 57497    | 0.43   | ng/ul  | 99       |
| 17) Fluoranthene            | 19.19 | 202  | 70055    | 0.39   | ng/ul  | 97       |
| 19) Pyrene                  | 19.55 | 202  | 71640    | 0.40   | ng/ul  | 99       |
| 20) Benzo(a)anthracene      | 21.31 | 228  | 66925    | 0.44   | ng/ul  | 97       |
| 21) Chrysene                | 21.36 | 228  | 69647    | 0.41   | ng/ul  | 97       |
| 23) Benzo(b)fluoranthene    | 22.91 | 252  | 76484    | 0.40   | ng/ul  | 97       |
| 24) Benzo(k)fluoranthene    | 22.95 | 252  | 65066    | 0.36   | ng/ul  | 98       |
| 25) Benzo(a)pyrene          | 23.48 | 252  | 69806    | 0.41   | ng/ul  | 98       |
| 26) Indeno(1,2,3-cd)pyrene  | 25.87 | 276  | 81899    | 0.40   | ng/ul# | 90       |
| 27) Dibenzo(a,h)anthracene  | 25.88 | 278  | 65043    | 0.39   | ng/ul  | 98       |
| 28) Benzo(g,h,i)perylene    | 26.56 | 276  | 70443    | 0.39   | ng/ul  | 99       |

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

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