

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE042418\  
 Data File : BE096114.D  
 Acq On : 24 Apr 2018 11:42  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Apr 24 17:54:27 2018  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE042418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 24 17:40:03 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.36  | 152  | 755      | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 11.18 | 136  | 2796     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.95 | 164  | 1592     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.66 | 188  | 4411     | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.75 | 240  | 6836     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 24.36 | 264  | 5800     | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.74 | 152  | 2088     | 0.40   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.64 | 212  | 7841     | 0.39   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) Naphthalene              | 11.23 | 128  | 3124     | 0.401  | ng/ul# | 91       |
| 5) 2-Methylnaphthalene      | 12.81 | 142  | 2147     | 0.412  | ng/ul  | 99       |
| 7) Acenaphthylene           | 14.68 | 152  | 3346     | 0.408  | ng/ul  | 97       |
| 8) Acenaphthene             | 15.01 | 153  | 2362     | 0.399  | ng/ul  | 95       |
| 9) Fluorene                 | 15.98 | 166  | 2737     | 0.350  | ng/ul  | 86       |
| 11) Pentachlorophenol       | 17.32 | 266  | 413      | 0.389  | ng/ul  | 97       |
| 12) Phenanthrene            | 17.70 | 178  | 5064     | 0.390  | ng/ul# | 90       |
| 13) Anthracene              | 17.79 | 178  | 5087     | 0.390  | ng/ul# | 92       |
| 15) Fluoranthene            | 19.67 | 202  | 7670     | 0.386  | ng/ul  | 85       |
| 17) Pyrene                  | 20.02 | 202  | 6084     | 0.444  | ng/ul# | 81       |
| 18) Benzo(a)anthracene      | 21.73 | 228  | 9693     | 0.468  | ng/ul# | 85       |
| 19) Chrysene                | 21.79 | 228  | 7543     | 0.397  | ng/ul  | 96       |
| 21) Benzo(b)fluoranthene    | 23.55 | 252  | 8936     | 0.407  | ng/ul  | 89       |
| 22) Benzo(k)fluoranthene    | 23.60 | 252  | 8864     | 0.422  | ng/ul# | 90       |
| 23) Benzo(a)pyrene          | 24.24 | 252  | 7463     | 0.391  | ng/ul# | 84       |
| 24) Indeno(1,2,3-cd)pyrene  | 27.14 | 276  | 12335    | 0.480  | ng/ul# | 78       |
| 25) Dibenzo(a,h)anthracene  | 27.16 | 278  | 10228    | 0.475  | ng/ul  | 91       |
| 26) Benzo(g,h,i)perylene    | 28.00 | 276  | 10626    | 0.475  | ng/ul  | 94       |

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

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