

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE042418\  
 Data File : BE096119.D  
 Acq On : 24 Apr 2018 14:50  
 Operator : SJ/JU  
 Sample : SSTD1.655  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTD1.655

Quant Time: Apr 24 17:42:43 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 17:28:42 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.36  | 152  | 770      | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 11.18 | 136  | 2814     | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.95 | 164  | 1590     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.66 | 188  | 4291     | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.75 | 240  | 6707     | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 24.36 | 264  | 5371     | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.74 | 152  | 8170     | 1.57  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.64 | 212  | 31080    | 1.57  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       | Qvalue |          |
| 3) Naphthalene              | 11.23 | 128  | 12264    | 1.565 | ng/ul# | 89       |
| 5) 2-Methylnaphthalene      | 12.81 | 142  | 8353     | 1.591 | ng/ul  | 100      |
| 7) Acenaphthylene           | 14.68 | 152  | 13099    | 1.598 | ng/ul  | 96       |
| 8) Acenaphthene             | 15.01 | 153  | 9347     | 1.582 | ng/ul  | 96       |
| 9) Fluorene                 | 15.98 | 166  | 12552    | 1.605 | ng/ul# | 92       |
| 11) Pentachlorophenol       | 17.31 | 266  | 1696     | 1.642 | ng/ul  | 97       |
| 12) Phenanthrene            | 17.70 | 178  | 19788    | 1.566 | ng/ul# | 88       |
| 13) Anthracene              | 17.79 | 178  | 20178    | 1.592 | ng/ul# | 91       |
| 15) Fluoranthene            | 19.67 | 202  | 30138    | 1.561 | ng/ul  | 84       |
| 17) Pyrene                  | 20.02 | 202  | 20884    | 1.552 | ng/ul# | 79       |
| 18) Benzo(a)anthracene      | 21.73 | 228  | 31223    | 1.538 | ng/ul# | 84       |
| 19) Chrysene                | 21.79 | 228  | 28694    | 1.538 | ng/ul  | 96       |
| 21) Benzo(b)fluoranthene    | 23.55 | 252  | 27867    | 1.370 | ng/ul  | 82       |
| 22) Benzo(k)fluoranthene    | 23.60 | 252  | 27457    | 1.412 | ng/ul# | 84       |
| 23) Benzo(a)pyrene          | 24.23 | 252  | 26127    | 1.482 | ng/ul# | 78       |
| 24) Indeno(1,2,3-cd)pyrene  | 27.14 | 276  | 30666    | 1.294 | ng/ul# | 78       |
| 25) Dibenzo(a,h)anthracene  | 27.15 | 278  | 25085    | 1.265 | ng/ul# | 87       |
| 26) Benzo(g,h,i)perylene    | 28.00 | 276  | 25590    | 1.240 | ng/ul# | 92       |

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

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