

Data Path : U:\HPCHEM1\BNA E\DATA\BE012018\  
 Data File : BE095089.D  
 Acq On : 20 Jan 2018 14:46  
 Operator : SJ/JU  
 Sample : SSTDC00.4EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTD0.409

Quant Time: Jan 22 04:30:53 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE011918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 22 04:29:25 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.46  | 152  | 4339     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 11.28 | 136  | 14249    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 15.04 | 164  | 8129     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.73 | 188  | 17075    | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.83 | 240  | 19290    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 24.48 | 264  | 17585    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.84 | 152  | 9568     | 0.41   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.72 | 212  | 24207    | 0.46   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 11.33 | 128  | 14849    | 0.393  | ng/ul# | 88       |
| 5) 2-Methylnaphthalene      | 12.91 | 142  | 10622    | 0.404  | ng/ul  | 100      |
| 7) Acenaphthylene           | 14.77 | 152  | 15268    | 0.419  | ng/ul  | 96       |
| 8) Acenaphthene             | 15.10 | 153  | 11283    | 0.398  | ng/ul  | 93       |
| 9) Fluorene                 | 16.05 | 166  | 12363    | 0.409  | ng/ul# | 79       |
| 11) Pentachlorophenol       | 17.38 | 266  | 883      | 0.874  | ng/ul  | 94       |
| 12) Phenanthrene            | 17.78 | 178  | 22196    | 0.490  | ng/ul# | 88       |
| 13) Anthracene              | 17.87 | 178  | 21299    | 0.539  | ng/ul# | 92       |
| 15) Fluoranthene            | 19.75 | 202  | 26091    | 0.450  | ng/ul  | 84       |
| 17) Pyrene                  | 20.10 | 202  | 26761    | 0.382  | ng/ul# | 80       |
| 18) Benzo(a)anthracene      | 21.81 | 228  | 23662    | 0.443  | ng/ul# | 85       |
| 19) Chrysene                | 21.87 | 228  | 22731    | 0.382  | ng/ul  | 95       |
| 21) Benzo(b)fluoranthene    | 23.66 | 252  | 22965    | 0.388  | ng/ul  | 83       |
| 22) Benzo(k)fluoranthene    | 23.72 | 252  | 20844    | 0.382  | ng/ul# | 84       |
| 23) Benzo(a)pyrene          | 24.36 | 252  | 21215    | 0.420  | ng/ul# | 77       |
| 24) Indeno(1,2,3-cd)pyrene  | 27.31 | 276  | 22899    | 0.510  | ng/ul# | 80       |
| 25) Dibenzo(a,h)anthracene  | 27.33 | 278  | 18480    | 0.576  | ng/ul# | 89       |
| 26) Benzo(g,h,i)perylene    | 28.19 | 276  | 19536    | 0.438  | ng/ul# | 93       |

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

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