

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040618\  
 Data File : BE095955.D  
 Acq On : 6 Apr 2018 14:15  
 Operator : SJ/JU  
 Sample : SST0.431  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SST0.431

Quant Time: Apr 06 15:03:05 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 06 15:00:12 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.39  | 152  | 1780     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 11.21 | 136  | 4568     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.98 | 164  | 2567     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.68 | 188  | 6442     | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.78 | 240  | 9141     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 24.40 | 264  | 7488     | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.77 | 152  | 3414     | 0.44   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.67 | 212  | 10537    | 0.51   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 11.26 | 128  | 5106     | 0.400  | ng/ul# | 90       |
| 5) 2-Methylnaphthalene      | 12.84 | 142  | 3447     | 0.389  | ng/ul  | 100      |
| 7) Acenaphthylene           | 14.70 | 152  | 5349     | 0.413  | ng/ul  | 98       |
| 8) Acenaphthene             | 15.04 | 153  | 3839     | 0.393  | ng/ul  | 94       |
| 9) Fluorene                 | 16.00 | 166  | 4362     | 0.412  | ng/ul# | 90       |
| 11) Pentachlorophenol       | 17.34 | 266  | 488      | 0.539  | ng/ul  | 98       |
| 12) Phenanthrene            | 17.73 | 178  | 7470     | 0.387  | ng/ul# | 88       |
| 13) Anthracene              | 17.82 | 178  | 7526     | 0.417  | ng/ul# | 92       |
| 15) Fluoranthene            | 19.69 | 202  | 10266    | 0.439  | ng/ul  | 85       |
| 17) Pyrene                  | 20.05 | 202  | 11742    | 0.338  | ng/ul# | 78       |
| 18) Benzo(a)anthracene      | 21.76 | 228  | 13668    | 0.463  | ng/ul# | 85       |
| 19) Chrysene                | 21.81 | 228  | 9789     | 0.326  | ng/ul  | 96       |
| 21) Benzo(b)fluoranthene    | 23.59 | 252  | 9930     | 0.383  | ng/ul  | 87       |
| 22) Benzo(k)fluoranthene    | 23.64 | 252  | 9066     | 0.368  | ng/ul# | 89       |
| 23) Benzo(a)pyrene          | 24.28 | 252  | 9188     | 0.388  | ng/ul# | 80       |
| 24) Indeno(1,2,3-cd)pyrene  | 27.20 | 276  | 10281    | 0.392  | ng/ul# | 78       |
| 25) Dibenzo(a,h)anthracene  | 27.22 | 278  | 8222     | 0.392  | ng/ul  | 91       |
| 26) Benzo(g,h,i)perylene    | 28.07 | 276  | 8513     | 0.377  | ng/ul  | 95       |

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

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