

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE071118\  
 Data File : BE096893.D  
 Acq On : 11 Jul 2018 17:07  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTD0.456

Quant Time: Jul 11 18:10:55 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE070618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 10 02:37:30 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.40  | 152  | 2571     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.14 | 136  | 14234    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.03 | 164  | 7962     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.78 | 188  | 18768    | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 20.98 | 240  | 16339    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.22 | 264  | 17113    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.74 | 152  | 7977     | 0.34   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 18.81 | 212  | 15210    | 0.33   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) Naphthalene              | 10.19 | 128  | 11533    | 0.335  | ng/ul# | 91       |
| 5) 2-Methylnaphthalene      | 11.81 | 142  | 8059     | 0.344  | ng/ul  | 98       |
| 7) Acenaphthylene           | 13.74 | 152  | 11130    | 0.341  | ng/ul  | 96       |
| 8) Acenaphthene             | 14.09 | 153  | 8655     | 0.321  | ng/ul  | 95       |
| 9) Fluorene                 | 15.08 | 166  | 8728     | 0.314  | ng/ul  | 93       |
| 11) Pentachlorophenol       | 16.44 | 266  | 467      | 0.380  | ng/ul  | 92       |
| 12) Phenanthrene            | 16.82 | 178  | 15490    | 0.320  | ng/ul# | 89       |
| 13) Anthracene              | 16.91 | 178  | 13713    | 0.334  | ng/ul# | 92       |
| 15) Fluoranthene            | 18.84 | 202  | 16704    | 0.324  | ng/ul  | 85       |
| 17) Pyrene                  | 19.21 | 202  | 16451    | 0.307  | ng/ul# | 81       |
| 18) Benzo(a)anthracene      | 20.96 | 228  | 14062    | 0.365  | ng/ul# | 85       |
| 19) Chrysene                | 21.02 | 228  | 15798    | 0.316  | ng/ul  | 97       |
| 21) Benzo(b)fluoranthene    | 22.54 | 252  | 14532    | 0.311  | ng/ul  | 82       |
| 22) Benzo(k)fluoranthene    | 22.58 | 252  | 14711    | 0.288  | ng/ul# | 85       |
| 23) Benzo(a)pyrene          | 23.11 | 252  | 13099    | 0.332  | ng/ul# | 78       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.51 | 276  | 14616    | 0.356  | ng/ul# | 80       |
| 25) Dibenzo(a,h)anthracene  | 25.53 | 278  | 12115    | 0.372  | ng/ul# | 88       |
| 26) Benzo(g,h,i)perylene    | 26.21 | 276  | 12871    | 0.323  | ng/ul# | 93       |

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

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