

Data File : BE094028.D  
Acq On : 20 Sep 2017 11:26  
Operator : SJ/JU  
Sample : SSTD1.606  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
SSTD1.606

Quant Time: Sep 20 12:08:59 2017  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE092017.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 20 11:55:51 2017  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.91  | 152  | 1339     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.70 | 136  | 6528     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.52 | 164  | 3939     | 0.40 | ng/ul | -0.01    |
| 10) Phenanthrene-d10      | 17.26 | 188  | 10838    | 0.40 | ng/ul | -0.02    |
| 16) Chrysene-d12          | 21.42 | 240  | 14219    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.93 | 264  | 12283    | 0.40 | ng/ul | -0.01    |

|                             |       |     |       |      |       |       |
|-----------------------------|-------|-----|-------|------|-------|-------|
| System Monitoring Compounds |       |     |       |      |       |       |
| 4) 2-Methylnaphthalene-d10  | 12.28 | 152 | 16704 | 1.58 | ng/ul | -0.03 |
| 14) Fluoranthene-d10        | 19.28 | 212 | 58571 | 1.71 | ng/ul | -0.01 |

| Target Compounds           |       |     |       |      |        | Qvalue |
|----------------------------|-------|-----|-------|------|--------|--------|
| 3) Naphthalene             | 10.75 | 128 | 25090 | 1.58 | ng/ul# | 90     |
| 5) 2-Methylnaphthalene     | 12.36 | 142 | 17643 | 1.52 | ng/ul  | 99     |
| 7) Acenaphthylene          | 14.24 | 152 | 25674 | 1.56 | ng/ul  | 95     |
| 8) Acenaphthene            | 14.58 | 153 | 20113 | 1.55 | ng/ul  | 97     |
| 9) Fluorene                | 15.57 | 166 | 25249 | 1.54 | ng/ul# | 90     |
| 11) Pentachlorophenol      | 16.93 | 266 | 1956  | 1.09 | ng/ul  | 95     |
| 12) Phenanthrene           | 17.29 | 178 | 46667 | 1.58 | ng/ul# | 87     |
| 13) Anthracene             | 17.39 | 178 | 45091 | 1.57 | ng/ul# | 91     |
| 15) Fluoranthene           | 19.31 | 202 | 61713 | 1.67 | ng/ul  | 84     |
| 17) Pyrene                 | 19.67 | 202 | 63889 | 1.54 | ng/ul# | 83     |
| 18) Benzo(a)anthracene     | 21.40 | 228 | 62811 | 1.52 | ng/ul# | 86     |
| 19) Chrysene               | 21.45 | 228 | 67680 | 1.71 | ng/ul  | 98     |
| 21) Benzo(b)fluoranthene   | 23.15 | 252 | 57530 | 1.51 | ng/ul  | 84     |
| 22) Benzo(k)fluoranthene   | 23.20 | 252 | 64310 | 1.72 | ng/ul# | 85     |
| 23) Benzo(a)pyrene         | 23.81 | 252 | 57166 | 1.58 | ng/ul# | 78     |
| 24) Indeno(1,2,3-cd)pyrene | 26.58 | 276 | 60343 | 1.51 | ng/ul# | 85     |
| 25) Dibenzo(a,h)anthracene | 26.61 | 278 | 50866 | 1.53 | ng/ul# | 89     |
| 26) Benzo(g,h,i)perylene   | 27.40 | 276 | 50934 | 1.51 | ng/ul  | 95     |

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

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