

Data File : BN008617.D  
Acq On : 18 Nov 2019 23:07  
Operator : JU  
Sample : K5678-17MS  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :

Quant Time: Nov 19 03:10:11 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN111519.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Nov 19 01:47:58 2019  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.63  | 152  | 3455     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.39 | 136  | 12415    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.26 | 164  | 7247     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.00 | 188  | 15213m   | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.19 | 240  | 11266    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.37 | 264  | 12117    | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 11.98 | 152  | 4722     | 0.23 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.03 | 212  | 10293    | 0.22 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|----------------------------|-------|------|----------|--------|--------|--------|
| 3) Naphthalene             | 10.44 | 128  | 13582    | 0.363  | ng/ul  | 99     |
| 5) 2-Methylnaphthalene     | 12.06 | 142  | 11924    | 0.456  | ng/ul  | 100    |
| 7) Acenaphthylene          | 13.97 | 152  | 4293     | 0.107  | ng/ul# | 85     |
| 8) Acenaphthene            | 14.32 | 153  | 535884   | 18.023 | ng/ul  | 99     |
| 9) Fluorene                | 15.31 | 166  | 2666     | 0.076  | ng/ul# | 67     |
| 11) Pentachlorophenol      | 16.66 | 266  | 44314    | 7.697  | ng/ul  | 99     |
| 12) Phenanthrene           | 17.04 | 178  | 30056    | 0.586  | ng/ul# | 94     |
| 13) Anthracene             | 17.13 | 178  | 7479     | 0.154  | ng/ul# | 71     |
| 15) Fluoranthene           | 19.06 | 202  | 34642    | 0.550  | ng/ul  | 97     |
| 17) Pyrene                 | 19.43 | 202  | 1092653  | 24.175 | ng/ul  | 94     |
| 18) Benzo(a)anthracene     | 21.18 | 228  | 14232    | 0.314  | ng/ul# | 65     |
| 19) Chrysene               | 21.23 | 228  | 25177    | 0.566  | ng/ul# | 78     |
| 21) Benzo(b)fluoranthene   | 22.73 | 252  | 28228m   | 0.565  | ng/ul  |        |
| 22) Benzo(k)fluoranthene   | 22.77 | 252  | 9683m    | 0.195  | ng/ul  |        |
| 23) Benzo(a)pyrene         | 23.28 | 252  | 17673    | 0.377  | ng/ul# | 1      |
| 24) Indeno(1,2,3-cd)pyrene | 25.53 | 276  | 16075    | 0.293  | ng/ul# | 91     |
| 25) Dibenzo(a,h)anthracene | 25.54 | 278  | 4834     | 0.109  | ng/ul# | 1      |
| 26) Benzo(g,h,i)perylene   | 26.18 | 276  | 20578    | 0.448  | ng/ul# | 61     |

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

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