

Data File : BN007180.D  
Acq On : 15 Aug 2019 01:18  
Operator : HP/JU  
Sample : K4282-06  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PST-035-B241-080819

Quant Time: Aug 15 11:47:45 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN081019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Aug 13 12:12:02 2019  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.43  | 152  | 7585     | 0.40 | ng    | 0.00     |
| 6) Naphthalene-d8         | 10.19 | 136  | 28552    | 0.40 | ng    | 0.00     |
| 12) Acenaphthene-d10      | 14.06 | 164  | 15708    | 0.40 | ng    | -0.01    |
| 18) Phenanthrene-d10      | 16.82 | 188  | 35659    | 0.40 | ng    | 0.00     |
| 26) Chrysene-d12          | 21.03 | 240  | 33421    | 0.40 | ng    | -0.02    |
| 32) Perylene-d12          | 23.15 | 264  | 37269    | 0.40 | ng    | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 3) 2-Fluorophenol           | 5.05  | 112  | 1284     | 0.07 | ng    | 0.00     |
| 4) Phenol-d6                | 6.61  | 99   | 1681     | 0.07 | ng    | 0.00     |
| 7) Nitrobenzene-d5          | 8.55  | 82   | 1543     | 0.07 | ng    | -0.01    |
| 10) 2-Methylnaphthalene-d10 | 11.78 | 152  | 2609     | 0.05 | ng    | 0.00     |
| 13) 2,4,6-Tribromophenol    | 15.57 | 330  | 656      | 0.08 | ng    | 0.00     |
| 14) 2-Fluorobiphenyl        | 12.71 | 172  | 766      | 0.03 | ng    | 0.00     |
| 24) Fluoranthene-d10        | 18.87 | 212  | 6483     | 0.05 | ng    | 0.00     |
| 28) Terphenyl-d14           | 19.48 | 244  | 5222     | 0.06 | ng    | -0.02    |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|----------------------------|-------|------|----------|-------|-------|--------|
| 15) Acenaphthylene         | 13.79 | 152  | 10065    | 0.123 | ng    | 99     |
| 17) Fluorene               | 15.12 | 166  | 2006     | 0.025 | ng    | # 71   |
| 22) Phenanthrene           | 16.87 | 178  | 18934    | 0.177 | ng    | 99     |
| 23) Anthracene             | 16.95 | 178  | 3377     | 0.035 | ng    | # 91   |
| 25) Fluoranthene           | 18.90 | 202  | 28307    | 0.207 | ng    | 99     |
| 27) Pyrene                 | 19.26 | 202  | 31795    | 0.271 | ng    | 98     |
| 29) Benzo(a)anthracene     | 21.02 | 228  | 18121    | 0.148 | ng    | # 79   |
| 30) Chrysene               | 21.08 | 228  | 23412    | 0.197 | ng    | # 93   |
| 31) Indeno(1,2,3-cd)pyrene | 25.23 | 276  | 11731    | 0.090 | ng    | 99     |
| 33) Benzo(b)fluoranthene   | 22.53 | 252  | 25609    | 0.200 | ng    | # 87   |
| 34) Benzo(k)fluoranthene   | 22.57 | 252  | 7945m    | 0.063 | ng    |        |
| 35) Benzo(a)pyrene         | 23.06 | 252  | 16505    | 0.142 | ng    | # 84   |
| 37) Benzo(g,h,i)perylene   | 25.85 | 276  | 12552    | 0.106 | ng    | # 86   |

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

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