

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\  
 Data File : BM017171.D  
 Acq On : 17 Oct 2018 17:35  
 Operator : MJ/SJ  
 Sample : PB113698BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB113698BL

Quant Time: Oct 18 13:01:03 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 17 14:23:17 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.67  | 152  | 230894   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.45 | 136  | 830418   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.32 | 164  | 433386   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.07 | 188  | 961397   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.26 | 240  | 1010537  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.47 | 264  | 1033058  | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.29  | 112  | 1490148  | 109.16 | ng    | 0.00     |
| 7) Phenol-d6                | 6.86  | 99   | 1899816  | 102.18 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.83  | 82   | 1140471  | 80.32  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.81 | 330  | 648408   | 110.63 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.93 | 172  | 2581471  | 79.25  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.70 | 244  | 3529695  | 78.73  | ng    | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|----------------------------|-------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane             | 3.27  | 88   | 358      | 0.051 | ng    | # 1    |
| 3) Pyridine                | 3.66  | 79   | 365      | 0.023 | ng    | # 1    |
| 4) n-Nitrosodimethylamine  | 3.56  | 42   | 1466     | 0.228 | ng    | # 1    |
| 8) 2-Chlorophenol          | 7.23  | 128  | 355      | 0.022 | ng    | # 1    |
| 9) Benzaldehyde            | 6.86  | 77   | 3683     | 0.311 | ng    | # 1    |
| 10) Phenol                 | 6.86  | 94   | 242      | 0.012 | ng    | # 1    |
| 15) Benzyl Alcohol         | 7.99  | 79   | 18662    | 1.373 | ng    | # 55   |
| 24) Nitrobenzene           | 8.89  | 77   | 275      | 0.018 | ng    | # 36   |
| 46) 1,1'-Biphenyl          | 13.15 | 154  | 3216     | 0.082 | ng    | # 93   |
| 52) Acenaphthene           | 14.32 | 154  | 1549     | 0.059 | ng    | # 4    |
| 63) Azobenzene             | 15.70 | 77   | 226      | 0.007 | ng    | # 24   |
| 71) Phenanthrene           | 17.11 | 178  | 111      | 0.002 | ng    | # 60   |
| 74) Di-n-butylphthalate    | 18.04 | 149  | 119      | 0.002 | ng    | # 78   |
| 75) Fluoranthene           | 19.16 | 202  | 121      | 0.002 | ng    | # 65   |
| 77) Benzidine              | 19.37 | 184  | 109      | 0.004 | ng    | # 66   |
| 78) Pyrene                 | 19.50 | 202  | 129      | 0.002 | ng    | # 58   |
| 81) Benzo(a)anthracene     | 21.26 | 228  | 2714     | 0.048 | ng    | # 55   |
| 82) 3,3'-Dichlorobenzidine | 21.17 | 252  | 242      | 0.011 | ng    | # 25   |
| 83) Chrysene               | 21.29 | 228  | 114      | 0.002 | ng    | # 50   |
| 88) Benzo(b)fluoranthene   | 22.83 | 252  | 913      | 0.016 | ng    | # 1    |
| 89) Benzo(k)fluoranthene   | 22.83 | 252  | 913      | 0.016 | ng    | # 1    |
| 90) Benzo(a)pyrene         | 23.37 | 252  | 533      | 0.010 | ng    | # 1    |

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

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