

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\  
 Data File : BG033679.D  
 Acq On : 9 Apr 2018 14:08  
 Operator : SJ/JU  
 Sample : J2227-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-1

Quant Time: Apr 10 05:55:32 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 05 17:36:07 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc       | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|------------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 0.00  | 152  | 0        | 0.00       | ng     | -8.86    |
| 21) Naphthalene-d8             | 11.58 | 136  | 62       | 20.00      | ng     | -0.16    |
| 38) Acenaphthene-d10           | 14.90 | 164  | 4942     | 20.00      | ng     | -0.58    |
| 63) Phenanthrene-d10           | 17.43 | 188  | 58       | 20.00      | ng     | -0.78    |
| 75) Chrysene-d12               | 21.50 | 240  | 60       | 20.00      | ng     | -1.06    |
| 86) Perylene-d12               | 25.06 | 264  | 76       | 20.00      | ng     | -1.26    |
| System Monitoring Compounds    |       |      |          |            |        |          |
| 5) 2-Fluorophenol              | 6.28  | 112  | 320895   | 0.00       | ng     | 0.00     |
| 7) Phenol-d6                   | 7.97  | 99   | 464786   | 0.00       | ng     | 0.00     |
| 23) Nitrobenzene-d5            | 10.06 | 82   | 294813   | 218466.26  | ng     | 0.00     |
| 41) 2,4,6-Tribromophenol       | 0.00  | 330  | 0        | 0.00       | ng     |          |
| 44) 2-Fluorobiphenyl           | 0.00  | 172  | 0        | 0.00       | ng     |          |
| 78) Terphenyl-d14              | 19.34 | 244  | 148      | 52.75      | ng     | -1.39    |
| Target Compounds               |       |      |          |            |        |          |
|                                |       |      |          |            | Qvalue |          |
| 22) Acetophenone               | 9.52  | 105  | 66       | 38.856     | ng     | # 50     |
| 24) Nitrobenzene               | 9.96  | 77   | 55       | 38.078     | ng     | # 42     |
| 25) Isophorone                 | 10.06 | 82   | 294813   | 112562.155 | ng     | # 69     |
| 28) bis(2-Chloroethoxy)methane | 10.66 | 93   | 58       | 44.383     | ng     | # 51     |
| 31) Naphthalene                | 11.68 | 128  | 57       | 17.741     | ng     | # 68     |
| 33) 4-Chloroaniline            | 11.77 | 127  | 111      | 77.114     | ng     | # 41     |
| 34) Hexachlorobutadiene        | 11.40 | 225  | 55       | 57.298     | ng     | # 20     |
| 36) 4-Chloro-3-methylphenol    | 12.71 | 107  | 58       | 45.518     | ng     | # 22     |
| 37) 2-Methylnaphthalene        | 13.56 | 142  | 63       | 25.263     | ng     | # 17     |
| 47) 2-Nitroaniline             | 14.10 | 65   | 1181     | 10.770     | ng     | # 25     |
| 50) 2,6-Dinitrotoluene         | 14.89 | 165  | 320      | 3.639      | ng     | # 1      |
| 64) 4,6-Dinitro-2-methylphenol | 15.74 | 198  | 79       | 227.684    | ng     | # 29     |
| 65) n-Nitrosodiphenylamine     | 15.90 | 169  | 64       | 38.652     | ng     | # 23     |
| 66) 4-Bromophenyl-phenylether  | 16.95 | 248  | 16128    | 23677.347  | ng     | # 1      |
| 68) Atrazine                   | 16.84 | 200  | 56       | 83.461     | ng     | # 35     |
| 70) Phenanthrene               | 17.86 | 178  | 53       | 17.546     | ng     | # 1      |
| 71) Anthracene                 | 17.86 | 178  | 53       | 17.329     | ng     | # 1      |
| 72) Carbazole                  | 17.92 | 167  | 85       | 31.363     | ng     | # 59     |
| 73) Di-n-butylphthalate        | 18.25 | 149  | 53       | 16.801     | ng     | # 1      |
| 74) Fluoranthene               | 19.52 | 202  | 61       | 16.319     | ng     | # 65     |
| 76) Benzidine                  | 19.32 | 184  | 56       | 34.417     | ng     | # 66     |
| 77) Pyrene                     | 19.54 | 202  | 55       | 13.744     | ng     | # 57     |
| 79) Butylbenzylphthalate       | 20.39 | 149  | 149      | 100.901    | ng     | # 20     |
| 80) Benzo(a)anthracene         | 21.50 | 228  | 84       | 21.986     | ng     | # 50     |
| 81) 3,3'-Dichlorobenzidine     | 21.23 | 252  | 60       | 44.133     | ng     | # 26     |
| 82) Chrysene                   | 21.50 | 228  | 84       | 22.713     | ng     | # 49     |
| 83) Bis(2-ethylhexyl)phthalate | 21.30 | 149  | 254      | 124.777    | ng     | # 50     |
| 84) Di-n-octyl phthalate       | 22.61 | 149  | 154      | 49.410     | ng     | # 1      |
| 85) Indeno(1,2,3-cd)pyrene     | 29.48 | 276  | 53       | 13.255     | ng     | # 53     |
| 87) Benzo(b)fluoranthene       | 23.90 | 252  | 55       | 12.526     | ng     | # 59     |
| 88) Benzo(k)fluoranthene       | 23.97 | 252  | 56       | 12.610     | ng     | # 60     |
| 89) Benzo(a)pyrene             | 24.88 | 252  | 73       | 17.312     | ng     | # 59     |
| 91) Benzo(a,h,i)perylene       | 30.56 | 276  | 53       | 13.475     | ng     | # 56     |

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

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