

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\  
 Data File : BG020955.D  
 Acq On : 19 Feb 2016 3:40  
 Operator : SJ/UM  
 Sample : H1444-01  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BT005

Manual Integrations  
 APPROVED

UMANGI  
 2/19/2016 3:24:51 PM

Quant Time: Feb 19 08:13:34 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 11 15:26:53 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.26  | 152  | 19969    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.08 | 136  | 109238   | 20.00  | ng    | -0.01    |
| 38) Acenaphthene-d10        | 14.87 | 164  | 67749    | 20.00  | ng    | -0.02    |
| 63) Phenanthrene-d10        | 17.61 | 188  | 133069   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12            | 21.88 | 240  | 123066   | 20.00  | ng    | -0.02    |
| 86) Perylene-d12            | 25.25 | 264  | 118838   | 20.00  | ng    | -0.04    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.79  | 112  | 234878   | 198.08 | ng    | 0.00     |
| 7) Phenol-d6                | 7.41  | 99   | 354724   | 204.67 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.43  | 82   | 189025   | 113.78 | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 16.35 | 330  | 129907   | 194.98 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 13.50 | 172  | 502503   | 104.19 | ng    | -0.01    |
| 78) Terphenyl-d14           | 20.19 | 244  | 548028   | 103.88 | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate       | 14.31 | 163  | 85863    | 16.21  | ng    | 99       |
| 51) Acenaphthene            | 14.93 | 154  | 11864    | 2.63   | ng    | 99       |
| 57) Fluorene                | 15.91 | 166  | 15899    | 2.89   | ng    | 96       |
| 70) Phenanthrene            | 17.65 | 178  | 249731   | 32.96  | ng    | 99       |
| 71) Anthracene              | 17.74 | 178  | 56484    | 7.35   | ng    | 99       |
| 72) Carbazole               | 18.00 | 167  | 15388    | 2.23   | ng    | 99       |
| 74) Fluoranthene            | 19.64 | 202  | 298689   | 36.50  | ng    | 99       |
| 77) Pyrene                  | 20.00 | 202  | 285010   | 35.11  | ng    | 99       |
| 80) Benzo(a)anthracene      | 21.86 | 228  | 135165   | 18.40  | ng    | 100      |
| 82) Chrysene                | 21.93 | 228  | 115760   | 16.75  | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene  | 29.10 | 276  | 64180    | 8.08   | ng    | # 93     |
| 87) Benzo(b)fluoranthene    | 24.18 | 252  | 134216   | 18.45  | ng    | 98       |
| 88) Benzo(k)fluoranthene    | 24.24 | 252  | 42696m   | 5.99   | ng    |          |
| 89) Benzo(a)pyrene          | 25.09 | 252  | 101440   | 14.64  | ng    | 99       |
| 90) Dibenzo(a,h)anthracene  | 29.15 | 278  | 18172    | 2.70   | ng    | 96       |
| 91) Benzo(g,h,i)perylene    | 30.31 | 276  | 60629    | 9.06   | ng    | 96       |

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

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