

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\  
 Data File : BG021001.D  
 Acq On : 20 Feb 2016 10:00  
 Operator : SJ/UM  
 Sample : H1520-03  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 40055+15(0-2)

Manual Integrations  
 APPROVED

UMANGI  
 2/22/2016 10:55:51 AM

Quant Time: Feb 21 23:39:08 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  | 18604    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.08 | 136  | 97413    | 20.00  | ng    | -0.01    |
| 38) Acenaphthene-d10        | 14.87 | 164  | 65485    | 20.00  | ng    | -0.01    |
| 63) Phenanthrene-d10        | 17.61 | 188  | 134978   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12            | 21.89 | 240  | 126589   | 20.00  | ng    | -0.02    |
| 86) Perylene-d12            | 25.25 | 264  | 119833   | 20.00  | ng    | -0.04    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.79  | 112  | 191188   | 173.06 | ng    | 0.00     |
| 7) Phenol-d6                | 7.41  | 99   | 279733   | 173.25 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.43  | 82   | 150514   | 101.59 | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 16.35 | 330  | 105056   | 163.14 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 13.50 | 172  | 322198   | 69.11  | ng    | -0.01    |
| 78) Terphenyl-d14           | 20.19 | 244  | 425535   | 78.42  | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate       | 14.32 | 163  | 107005   | 20.90  | ng    | 99       |
| 70) Phenanthrene            | 17.65 | 178  | 55261    | 7.19   | ng    | 98       |
| 74) Fluoranthene            | 19.64 | 202  | 85542    | 10.30  | ng    | 99       |
| 77) Pyrene                  | 20.00 | 202  | 68265    | 8.18   | ng    | 99       |
| 80) Benzo(a)anthracene      | 21.86 | 228  | 37069    | 4.91   | ng    | 99       |
| 82) Chrysene                | 21.93 | 228  | 29451    | 4.14   | ng    | 100      |
| 85) Indeno(1,2,3-cd)pyrene  | 29.09 | 276  | 18759    | 2.30   | ng    | # 87     |
| 87) Benzo(b)fluoranthene    | 24.17 | 252  | 38502    | 5.25   | ng    | 98       |
| 88) Benzo(k)fluoranthene    | 24.24 | 252  | 16163m   | 2.25   | ng    |          |
| 89) Benzo(a)pyrene          | 25.09 | 252  | 29124    | 4.17   | ng    | 99       |
| 91) Benzo(g,h,i)perylene    | 30.31 | 276  | 16641    | 2.47   | ng    | 98       |

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

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