

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\  
 Data File : BG022432.D  
 Acq On : 18 Jun 2016 20:38  
 Operator : UM/SJ  
 Sample : H3471-04  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 STA-1020-(0-4)

Manual Integrations  
 APPROVED

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 6/20/2016 6:55:32 PM

Quant Time: Jun 20 03:19:30 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 13 17:40:23 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.04  | 152  | 28039    | 20.00  | ng    | -0.05    |
| 21) Naphthalene-d8          | 10.86 | 136  | 140087   | 20.00  | ng    | -0.04    |
| 38) Acenaphthene-d10        | 14.68 | 164  | 87977    | 20.00  | ng    | -0.04    |
| 63) Phenanthrene-d10        | 17.43 | 188  | 174264   | 20.00  | ng    | -0.04    |
| 75) Chrysene-d12            | 21.69 | 240  | 158292   | 20.00  | ng    | -0.05    |
| 86) Perylene-d12            | 24.94 | 264  | 144553   | 20.00  | ng    | -0.08    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.60  | 112  | 246326   | 169.86 | ng    | -0.03    |
| 7) Phenol-d6                | 7.23  | 99   | 374971   | 164.45 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 9.22  | 82   | 207987   | 103.51 | ng    | -0.04    |
| 41) 2,4,6-Tribromophenol    | 16.18 | 330  | 113219   | 113.89 | ng    | -0.04    |
| 44) 2-Fluorobiphenyl        | 13.30 | 172  | 499939   | 86.60  | ng    | -0.04    |
| 78) Terphenyl-d14           | 20.02 | 244  | 502054   | 75.30  | ng    | -0.03    |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 10.91 | 128  | 17307m   | 2.48   | ng    |          |
| 48) Acenaphthylene          | 14.41 | 152  | 50880    | 5.71   | ng    | 96       |
| 49) Dimethylphthalate       | 14.13 | 163  | 108243   | 14.84  | ng    | 99       |
| 70) Phenanthrene            | 17.47 | 178  | 101940   | 10.77  | ng    | 98       |
| 71) Anthracene              | 17.56 | 178  | 27732    | 2.95   | ng    | 94       |
| 72) Carbazole               | 17.84 | 167  | 20504    | 2.31   | ng    | # 95     |
| 74) Fluoranthene            | 19.47 | 202  | 566242   | 52.04  | ng    | 95       |
| 77) Pyrene                  | 19.84 | 202  | 561724   | 57.08  | ng    | 98       |
| 80) Benzo(a)anthracene      | 21.67 | 228  | 319003   | 35.94  | ng    | 98       |
| 82) Chrysene                | 21.74 | 228  | 325532   | 37.69  | ng    | 96       |
| 85) Indeno(1,2,3-cd)pyrene  | 28.66 | 276  | 194010   | 20.02  | ng    | # 90     |
| 87) Benzo(b)fluoranthene    | 23.91 | 252  | 512698   | 60.81  | ng    | # 92     |
| 88) Benzo(k)fluoranthene    | 23.96 | 252  | 146164m  | 17.61  | ng    |          |
| 89) Benzo(a)pyrene          | 24.78 | 252  | 248735   | 30.86  | ng    | # 92     |
| 90) Dibenzo(a,h)anthracene  | 28.67 | 278  | 50037    | 6.59   | ng    | # 88     |
| 91) Benzo(g,h,i)perylene    | 29.83 | 276  | 183271   | 23.20  | ng    | # 90     |

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

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