

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060916\  
 Data File : BF087855.D  
 Acq On : 9 Jun 2016 16:31  
 Operator : UM/SJ  
 Sample : H3399-13 2X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SS-32

Quant Time: Jun 09 17:18:20 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 07 18:51:55 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.82  | 152  | 123218   | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8             | 8.10  | 136  | 448633   | 20.00  | ng    | -0.02    |
| 38) Acenaphthene-d10           | 9.85  | 164  | 200082   | 20.00  | ng    | -0.03    |
| 63) Phenanthrene-d10           | 11.32 | 188  | 302001   | 20.00  | ng    | -0.03    |
| 75) Chrysene-d12               | 13.95 | 240  | 233625   | 20.00  | ng    | -0.03    |
| 86) Perylene-d12               | 15.37 | 264  | 233485   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.42  | 112  | 532769   | 73.92  | ng    | -0.01    |
| 7) Phenol-d6                   | 6.46  | 99   | 702455   | 80.42  | ng    | -0.02    |
| 23) Nitrobenzene-d5            | 7.38  | 82   | 372875   | 48.53  | ng    | -0.03    |
| 41) 2,4,6-Tribromophenol       | 10.64 | 330  | 137765   | 65.21  | ng    | -0.03    |
| 44) 2-Fluorobiphenyl           | 9.18  | 172  | 609674   | 45.28  | ng    | -0.03    |
| 78) Terphenyl-d14              | 12.91 | 244  | 440685   | 42.92  | ng    | -0.03    |
| Target Compounds               |       |      |          |        |       | Qvalue   |
| 31) Naphthalene                | 8.12  | 128  | 46398    | 2.09   | ng    | 99       |
| 49) Dimethylphthalate          | 9.58  | 163  | 68312    | 4.71   | ng    | 98       |
| 51) Acenaphthene               | 9.88  | 154  | 35592    | 2.77   | ng    | 98       |
| 70) Phenanthrene               | 11.36 | 178  | 358945   | 22.65  | ng    | 97       |
| 71) Anthracene                 | 11.40 | 178  | 101385   | 6.34   | ng    | 97       |
| 72) Carbazole                  | 11.55 | 167  | 38751    | 2.59   | ng    | 99       |
| 73) Di-n-butylphthalate        | 11.90 | 149  | 74501    | 3.93   | ng    | 99       |
| 74) Fluoranthene               | 12.54 | 202  | 433109   | 25.90  | ng    | 98       |
| 77) Pyrene                     | 12.77 | 202  | 394654   | 22.76  | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.42 | 149  | 2214773  | 288.96 | ng    | 97       |
| 80) Benzo(a)anthracene         | 13.94 | 228  | 197798   | 14.86  | ng    | 98       |
| 82) Chrysene                   | 13.99 | 228  | 153748   | 12.28  | ng    | 96       |
| 83) Bis(2-ethylhexyl)phthalate | 13.95 | 149  | 482048   | 51.66  | ng    | # 58     |
| 84) Di-n-octyl phthalate       | 14.56 | 149  | 857763   | 56.58  | ng    | # 100    |
| 85) Indeno(1,2,3-cd)pyrene     | 16.72 | 276  | 78384    | 6.74   | ng    | # 100    |
| 87) Benzo(b)fluoranthene       | 14.97 | 252  | 230418m  | 14.16  | ng    |          |
| 88) Benzo(k)fluoranthene       | 14.98 | 252  | 52920m   | 4.31   | ng    |          |
| 89) Benzo(a)pyrene             | 15.30 | 252  | 144556   | 10.98  | ng    | 97       |
| 91) Benzo(a,h,i)perylene       | 17.13 | 276  | 73007    | 5.80   | ng    | 96       |

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

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