

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF020816\  
 Data File : BF084940.D  
 Acq On : 8 Feb 2016 20:38  
 Operator : SJ/IZ  
 Sample : H1320-01 5X  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S4-B017(5-7)

Manual Integrations  
 APPROVED

UMANGI  
 2/9/2016 12:57:09 PM

Quant Time: Feb 09 03:39:26 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF020116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 03 14:16:01 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.65  | 152  | 251058   | 20.00 | ng    | -0.03    |
| 21) Naphthalene-d8          | 7.94  | 136  | 1061042  | 20.00 | ng    | -0.03    |
| 38) Acenaphthene-d10        | 9.69  | 164  | 459868   | 20.00 | ng    | -0.05    |
| 63) Phenanthrene-d10        | 11.16 | 188  | 682041   | 20.00 | ng    | -0.05    |
| 75) Chrysene-d12            | 13.79 | 240  | 434201   | 20.00 | ng    | -0.05    |
| 86) Perylene-d12            | 15.16 | 264  | 416984   | 20.00 | ng    | -0.05    |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.23  | 112  | 407125   | 25.26 | ng    | -0.05    |
| 7) Phenol-d6                | 6.29  | 99   | 499800   | 25.01 | ng    | -0.05    |
| 23) Nitrobenzene-d5         | 7.22  | 82   | 340744   | 18.09 | ng    | -0.05    |
| 41) 2,4,6-Tribromophenol    | 10.48 | 330  | 101809   | 21.22 | ng    | -0.05    |
| 44) 2-Fluorobiphenyl        | 9.01  | 172  | 507247   | 13.71 | ng    | -0.05    |
| 78) Terphenyl-d14           | 12.75 | 244  | 342006   | 17.85 | ng    | -0.05    |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 49) Dimethylphthalate       | 9.41  | 163  | 82713    | 2.36  | ng    | # 90     |
| 51) Acenaphthene            | 9.72  | 154  | 60320    | 2.02  | ng    | 93       |
| 54) Dibenzofuran            | 9.89  | 168  | 75357    | 2.06  | ng    | 93       |
| 57) Fluorene                | 10.22 | 166  | 74154    | 2.43  | ng    | # 98     |
| 70) Phenanthrene            | 11.18 | 178  | 922281   | 24.38 | ng    | 98       |
| 71) Anthracene              | 11.24 | 178  | 219443   | 5.76  | ng    | 98       |
| 72) Carbazole               | 11.40 | 167  | 70275    | 2.11  | ng    | 96       |
| 74) Fluoranthene            | 12.37 | 202  | 1067214  | 27.87 | ng    | 97       |
| 77) Pyrene                  | 12.60 | 202  | 987713   | 29.71 | ng    | 99       |
| 80) Benzo(a)anthracene      | 13.78 | 228  | 419117   | 15.55 | ng    | 97       |
| 82) Chrysene                | 13.81 | 228  | 281319m  | 10.77 | ng    |          |
| 85) Indeno(1,2,3-cd)pyrene  | 16.43 | 276  | 169552   | 8.24  | ng    | 95       |
| 87) Benzo(b)fluoranthene    | 14.79 | 252  | 358076m  | 12.78 | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.80 | 252  | 165956m  | 7.16  | ng    |          |
| 89) Benzo(a)pyrene          | 15.11 | 252  | 299936   | 12.56 | ng    | # 96     |
| 91) Benzo(g,h,i)perylene    | 16.81 | 276  | 172234   | 8.51  | ng    | 96       |

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

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