

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\  
 Data File : BF096339.D  
 Acq On : 30 Jun 2017 16:07  
 Operator : SJ/MA  
 Sample : I3883-15 5X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 G29-0-1.5

Manual Integrations  
 APPROVED

mohammad  
 7/3/2017 11:36:53 AM

Quant Time: Jun 30 18:30:24 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 28 15:41:49 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.77  | 152  | 138333   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.06  | 136  | 550079   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.81  | 164  | 200710   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.29 | 188  | 296135   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12            | 13.92 | 240  | 254959   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 15.34 | 264  | 172214   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.37  | 112  | 46069    | 4.80  | ng    | 0.00     |
| 7) Phenol-d6                | 6.39  | 99   | 225791   | 19.42 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.33  | 82   | 141473   | 17.80 | ng    | -0.03    |
| 41) 2,4,6-Tribromophenol    | 10.59 | 330  | 1598     | 1.01  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.13  | 172  | 250612   | 22.87 | ng    | -0.02    |
| 78) Terphenyl-d14           | 12.87 | 244  | 178731   | 17.49 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 31) Naphthalene             | 8.07  | 128  | 84945    | 3.20  | ng    | 98       |
| 49) Dimethylphthalate       | 9.52  | 163  | 30533    | 2.13  | ng    | 99       |
| 54) Dibenzofuran            | 10.01 | 168  | 37192    | 2.28  | ng    | 97       |
| 70) Phenanthrene            | 11.31 | 178  | 312402   | 16.11 | ng    | 99       |
| 71) Anthracene              | 11.36 | 178  | 71383    | 4.31  | ng    | 97       |
| 72) Carbazole               | 11.51 | 167  | 40202    | 2.20  | ng    | 99       |
| 74) Fluoranthene            | 12.50 | 202  | 274782   | 16.70 | ng    | 96       |
| 77) Pyrene                  | 12.72 | 202  | 236450   | 11.28 | ng    | 97       |
| 80) Benzo(a)anthracene      | 13.91 | 228  | 105285   | 6.77  | ng    | 97       |
| 82) Chrysene                | 13.94 | 228  | 82365    | 5.12  | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.74 | 276  | 28767    | 2.16  | ng    | 98       |
| 87) Benzo(b)fluoranthene    | 14.94 | 252  | 79405m   | 7.02  | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.96 | 252  | 22960m   | 2.22  | ng    |          |
| 89) Benzo(a)pyrene          | 15.29 | 252  | 47259    | 4.73  | ng    | # 84     |
| 91) Benzo(a,h,i)perylene    | 17.16 | 276  | 28238    | 3.47  | ng    | 99       |

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

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