

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\  
 Data File : BF096349.D  
 Acq On : 30 Jun 2017 21:16  
 Operator : SJ/MA  
 Sample : I3908-03 5X  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 G-57-0-1.5

Manual Integrations  
 APPROVED

mohammad  
 7/3/2017 11:37:16 AM

Quant Time: Jul 01 00:04:38 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   | 6.76  | 152  | 162058   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8          | 8.04  | 136  | 642361   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10        | 9.79  | 164  | 240074   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10        | 11.27 | 188  | 325555   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12            | 13.90 | 240  | 329753   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12            | 15.32 | 264  | 252728   | 20.00 | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.36  | 112  | 83506    | 7.42  | ng    | -0.02    |
| 7) Phenol-d6                | 6.38  | 99   | 131080   | 9.62  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.31  | 82   | 69127    | 7.45  | ng    | -0.05    |
| 41) 2,4,6-Tribromophenol    | 10.57 | 330  | 2989     | 1.58  | ng    | -0.02    |
| 44) 2-Fluorobiphenyl        | 9.12  | 172  | 128785   | 9.82  | ng    | -0.03    |
| 78) Terphenyl-d14           | 12.85 | 244  | 83830    | 6.34  | ng    | -0.02    |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 74) Fluoranthene            | 12.48 | 202  | 79340    | 4.39  | ng    | 97       |
| 77) Pyrene                  | 12.70 | 202  | 82034    | 3.03  | ng    | 97       |
| 80) Benzo(a)anthracene      | 13.89 | 228  | 47684m   | 2.37  | ng    |          |
| 82) Chrysene                | 13.93 | 228  | 54155    | 2.60  | ng    | 97       |
| 87) Benzo(b)fluoranthene    | 14.92 | 252  | 88998m   | 5.36  | ng    |          |
| 89) Benzo(a)pyrene          | 15.26 | 252  | 38044    | 2.59  | ng    | # 80     |

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

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