

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF070317\  
 Data File : BF096444.D  
 Acq On : 3 Jul 2017 16:37  
 Operator : SJ/MA  
 Sample : I3882-14RE  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 G54-1.5-3RE

Manual Integrations  
 APPROVED

mohammad  
 7/5/2017 11:41:27 AM

Quant Time: Jul 04 01:36:09 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF070117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 03 01:43:12 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|--------------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.72  | 152  | 108162   | 20.00 | ng    | -0.01     |
| 21) Naphthalene-d8             | 8.00  | 136  | 414505   | 20.00 | ng    | -0.02     |
| 38) Acenaphthene-d10           | 9.76  | 164  | 153722   | 20.00 | ng    | -0.01     |
| 63) Phenanthrene-d10           | 11.23 | 188  | 228938   | 20.00 | ng    | -0.02     |
| 75) Chrysene-d12               | 13.87 | 240  | 214150   | 20.00 | ng    | -0.01     |
| 86) Perylene-d12               | 15.28 | 264  | 150929   | 20.00 | ng    | 0.00      |
| System Monitoring Compounds    |       |      |          |       |       |           |
| 5) 2-Fluorophenol              | 5.33  | 112  | 165124   | 22.53 | ng    | -0.02     |
| 7) Phenol-d6                   | 6.35  | 99   | 276642   | 30.71 | ng    | -0.02     |
| 23) Nitrobenzene-d5            | 7.28  | 82   | 159095   | 23.06 | ng    | -0.02     |
| 41) 2,4,6-Tribromophenol       | 10.54 | 330  | 12532    | 10.44 | ng    | -0.02     |
| 44) 2-Fluorobiphenyl           | 9.08  | 172  | 319098   | 35.49 | ng    | -0.02     |
| 78) Terphenyl-d14              | 12.82 | 244  | 212218   | 21.18 | ng    | -0.01     |
| Target Compounds               |       |      |          |       |       |           |
| 49) Dimethylphthalate          | 9.47  | 163  | 56883    | 4.957 | ng    | Qvalue 97 |
| 70) Phenanthrene               | 11.26 | 178  | 31680    | 2.560 | ng    | 99        |
| 74) Fluoranthene               | 12.45 | 202  | 55333    | 4.560 | ng    | 97        |
| 77) Pyrene                     | 12.67 | 202  | 53525    | 3.114 | ng    | 99        |
| 80) Benzo(a)anthracene         | 13.86 | 228  | 27778    | 2.240 | ng    | # 91      |
| 82) Chrysene                   | 13.89 | 228  | 29651    | 2.283 | ng    | # 95      |
| 83) Bis(2-ethylhexyl)phthalate | 13.86 | 149  | 26686    | 2.747 | ng    | # 95      |
| 87) Benzo(b)fluoranthene       | 14.88 | 252  | 30970m   | 3.275 | ng    |           |

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

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