

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF070217\  
 Data File : BF096414.D  
 Acq On : 2 Jul 2017 14:21  
 Operator : SJ/MA  
 Sample : I3950-09  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B5-4-6

Manual Integrations  
 APPROVED

mohammad  
 7/3/2017 4:07:26 PM

Quant Time: Jul 03 05:24:06 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   | 6.73  | 152  | 174197   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.02  | 136  | 634455   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.77  | 164  | 281239   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.24 | 188  | 366934   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.87 | 240  | 272636   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.29 | 264  | 199419   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.35  | 112  | 940582   | 79.70  | ng    | 0.00     |
| 7) Phenol-d6                | 6.37  | 99   | 1259921  | 86.84  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.29  | 82   | 698720   | 66.18  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.55 | 330  | 189608   | 86.31  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.09  | 172  | 950172   | 57.77  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.83 | 244  | 542195   | 42.50  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 49) Dimethylphthalate       | 9.48  | 163  | 237831   | 11.328 | ng    | 98       |
| 70) Phenanthrene            | 11.27 | 178  | 44136    | 2.225  | ng    | 97       |
| 74) Fluoranthene            | 12.45 | 202  | 83464    | 4.292  | ng    | 99       |
| 77) Pyrene                  | 12.68 | 202  | 88442    | 4.041  | ng    | 98       |
| 80) Benzo(a)anthracene      | 13.86 | 228  | 69888    | 4.427  | ng    | 95       |
| 82) Chrysene                | 13.90 | 228  | 76393    | 4.621  | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.65 | 276  | 29956    | 2.295  | ng    | 94       |
| 87) Benzo(b)fluoranthene    | 14.89 | 252  | 94086m   | 7.530  | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.90 | 252  | 32670m   | 2.923  | ng    |          |
| 89) Benzo(a)pyrene          | 15.23 | 252  | 47145    | 4.226  | ng    | 93       |
| 91) Benzo(g,h,i)perylene    | 17.06 | 276  | 28009    | 3.080  | ng    | 97       |

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

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