

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF071117\  
 Data File : BF096685.D  
 Acq On : 12 Jul 2017 11:11  
 Operator : SJ/JU  
 Sample : I4130-19  
 Misc :  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-HS3-SSW

Manual Integrations  
 APPROVED

mohammad  
 7/12/2017 4:58:47 PM

Quant Time: Jul 12 15:20:25 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF070117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 07 13:02:33 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.69  | 152  | 114408   | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8          | 7.97  | 136  | 476370   | 20.00  | ng    | -0.02    |
| 38) Acenaphthene-d10        | 9.72  | 164  | 222755   | 20.00  | ng    | -0.02    |
| 63) Phenanthrene-d10        | 11.20 | 188  | 318787   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12            | 13.83 | 240  | 226403   | 20.00  | ng    | -0.02    |
| 86) Perylene-d12            | 15.23 | 264  | 157033   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.30  | 112  | 816753   | 105.37 | ng    | 0.00     |
| 7) Phenol-d6                | 6.33  | 99   | 857341   | 89.97  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.25  | 82   | 474143   | 59.81  | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 10.50 | 330  | 148379   | 85.28  | ng    | -0.02    |
| 44) 2-Fluorobiphenyl        | 9.05  | 172  | 971617   | 74.58  | ng    | -0.02    |
| 78) Terphenyl-d14           | 12.78 | 244  | 532004   | 50.21  | ng    | -0.02    |
| Target Compounds            |       |      |          |        |       |          |
| 49) Dimethylphthalate       | 9.44  | 163  | 283093   | 17.024 | ng    | 99       |
| 70) Phenanthrene            | 11.22 | 178  | 125286   | 7.270  | ng    | 97       |
| 74) Fluoranthene            | 12.40 | 202  | 177097   | 10.482 | ng    | 98       |
| 77) Pyrene                  | 12.63 | 202  | 174057   | 9.578  | ng    | 97       |
| 80) Benzo(a)anthracene      | 13.82 | 228  | 79682    | 6.078  | ng    | 98       |
| 82) Chrysene                | 13.85 | 228  | 70641    | 5.145  | ng    | 94       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.57 | 276  | 26357    | 2.432  | ng    | 95       |
| 87) Benzo(b)fluoranthene    | 14.83 | 252  | 70481m   | 7.163  | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.86 | 252  | 19975m   | 2.269  | ng    |          |
| 89) Benzo(a)pyrene          | 15.17 | 252  | 46831    | 5.331  | ng    | 96       |
| 91) Benzo(g,h,i)perylene    | 16.97 | 276  | 24962    | 3.486  | ng    | 98       |

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

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