

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042215\  
 Data File : BF078744.D  
 Acq On : 23 Apr 2015 8:12  
 Operator : TP/IZ  
 Sample : G1938-17 5X  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-79S

Manual Integrations  
 APPROVED

apatel  
 4/23/2015 2:15:50 PM

Quant Time: Apr 23 08:54:47 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 23 07:27:59 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 5.78  | 152  | 18220    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.94  | 136  | 74035    | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10        | 11.13 | 164  | 39734    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10        | 13.86 | 188  | 80375    | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12            | 17.74 | 240  | 95456    | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 19.47 | 264  | 98229    | 20.00 | ng    | 0.06     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 3.80  | 112  | 24888    | 22.52 | ng    | 0.01     |
| 7) Phenol-d6                | 5.29  | 99   | 35193    | 25.41 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 6.73  | 82   | 20837    | 17.06 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 12.61 | 330  | 6617     | 20.08 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.96  | 172  | 47101    | 16.94 | ng    | 0.00     |
| 78) Terphenyl-d14           | 16.40 | 244  | 61724    | 14.61 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 70) Phenanthrene            | 13.91 | 178  | 10204    | 2.19  | ng    | 97       |
| 74) Fluoranthene            | 15.81 | 202  | 25348    | 5.17  | ng    | 91       |
| 77) Pyrene                  | 16.11 | 202  | 25138    | 4.20  | ng    | 95       |
| 80) Benzo(a)anthracene      | 17.73 | 228  | 16550    | 2.91  | ng    | 98       |
| 82) Chrysene                | 17.77 | 228  | 12494    | 2.34  | ng    | 96       |
| 85) Indeno(1,2,3-cd)pyrene  | 20.67 | 276  | 12404m   | 2.05  | ng    |          |
| 87) Benzo(b)fluoranthene    | 19.04 | 252  | 21095m   | 3.47  | ng    |          |
| 89) Benzo(a)pyrene          | 19.42 | 252  | 14547    | 2.75  | ng    | # 93     |
| 91) Benzo(g,h,i)perylene    | 20.98 | 276  | 12175m   | 2.29  | ng    |          |

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

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