

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF041015\  
 Data File : BF078434.D  
 Acq On : 11 Apr 2015 10:21  
 Operator : TP/IZ  
 Sample : G1793-03DL2 100X  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-3DADL2

Manual Integrations  
 APPROVED

apatel  
 4/13/2015 4:18:22 PM

Quant Time: Apr 13 03:49:24 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 13 02:33:18 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.86  | 152  | 29977    | 20.00 | ng    | 0.01     |
| 21) Naphthalene-d8          | 8.44  | 136  | 131903   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10        | 10.59 | 164  | 66233    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10        | 12.42 | 188  | 137680   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12            | 15.69 | 240  | 149296   | 20.00 | ng    | 0.01     |
| 86) Perylene-d12            | 17.40 | 264  | 149767   | 20.00 | ng    | 0.09     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.14  | 112  | 945      | 0.52  | ng    | 0.03     |
| 7) Phenol-d6                | 6.48  | 99   | 937      | 0.41  | ng    | 0.02     |
| 23) Nitrobenzene-d5         | 7.56  | 82   | 675      | 0.31  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 11.57 | 330  | 318      | 0.58  | ng    | 0.01     |
| 44) 2-Fluorobiphenyl        | 9.79  | 172  | 2637     | 0.57  | ng    | 0.01     |
| 78) Terphenyl-d14           | 14.41 | 244  | 3503     | 0.53  | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 31) Naphthalene             | 8.46  | 128  | 399937   | 58.25 | ng    | 99       |
| 37) 2-Methylnaphthalene     | 9.32  | 142  | 62930    | 13.50 | ng    | 99       |
| 45) 1,1'-Biphenyl           | 9.90  | 154  | 27553    | 5.09  | ng    | 99       |
| 48) Acenaphthylene          | 10.42 | 152  | 25595    | 3.72  | ng    | 98       |
| 51) Acenaphthene            | 10.64 | 154  | 69096    | 17.83 | ng    | 98       |
| 57) Fluorene                | 11.28 | 166  | 46560    | 9.70  | ng    | 98       |
| 70) Phenanthrene            | 12.45 | 178  | 261520   | 32.84 | ng    | 99       |
| 71) Anthracene              | 12.51 | 178  | 53339    | 6.80  | ng    | 99       |
| 74) Fluoranthene            | 13.92 | 202  | 114272   | 13.61 | ng    | 93       |
| 77) Pyrene                  | 14.19 | 202  | 165252   | 17.63 | ng    | 99       |
| 80) Benzo(a)anthracene      | 15.68 | 228  | 48063m   | 5.41  | ng    |          |
| 82) Chrysene                | 15.71 | 228  | 36526m   | 4.38  | ng    |          |
| 87) Benzo(b)fluoranthene    | 16.97 | 252  | 32135m   | 3.47  | ng    |          |
| 89) Benzo(a)pyrene          | 17.33 | 252  | 39954    | 4.95  | ng    | # 91     |
| 91) Benzo(g,h,i)perylene    | 19.00 | 276  | 18520    | 2.28  | ng    | 95       |

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

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