

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF030215\  
 Data File : BF077534.D  
 Acq On : 2 Mar 2015 20:50  
 Operator : TP/IZ  
 Sample : G1399-08  
 Misc : S  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB2

Manual Integrations  
 APPROVED

apatel  
 3/3/2015 6:26:20 PM

Quant Time: Mar 03 04:23:08 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021915.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 02 23:46:07 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.26  | 152  | 97499    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.84  | 136  | 396459   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10        | 11.01 | 164  | 194571   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10        | 12.85 | 188  | 373825   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12            | 16.15 | 240  | 429608   | 20.00 | ng    | 0.02     |
| 86) Perylene-d12            | 17.93 | 264  | 432185   | 20.00 | ng    | 0.10     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.55  | 112  | 321046   | 54.97 | ng    | 0.00     |
| 7) Phenol-d6                | 6.82  | 99   | 415650   | 55.35 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.95  | 82   | 243442   | 38.18 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 11.99 | 330  | 106275   | 56.73 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 10.18 | 172  | 474305   | 38.01 | ng    | 0.00     |
| 78) Terphenyl-d14           | 14.85 | 244  | 555232   | 30.21 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 70) Phenanthrene            | 12.88 | 178  | 95532    | 4.41  | ng    | 98       |
| 74) Fluoranthene            | 14.36 | 202  | 263963   | 11.15 | ng    | 100      |
| 77) Pyrene                  | 14.64 | 202  | 269775   | 10.27 | ng    | # 96     |
| 80) Benzo(a)anthracene      | 16.14 | 228  | 159767   | 6.35  | ng    | 97       |
| 82) Chrysene                | 16.18 | 228  | 142257   | 6.02  | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene  | 19.38 | 276  | 87849m   | 3.26  | ng    |          |
| 87) Benzo(b)fluoranthene    | 17.47 | 252  | 189299m  | 7.53  | ng    |          |
| 88) Benzo(k)fluoranthene    | 17.49 | 252  | 69364m   | 2.82  | ng    |          |
| 89) Benzo(a)pyrene          | 17.86 | 252  | 145971   | 6.10  | ng    | 98       |
| 91) Benzo(g,h,i)perylene    | 19.81 | 276  | 87989    | 3.82  | ng    | 97       |

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

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