

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF030315\  
 Data File : BF077571.D  
 Acq On : 4 Mar 2015 4:19  
 Operator : TP/IZ  
 Sample : G1402-05DL2 200X  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW44DL2

Manual Integrations  
 APPROVED

mohammad  
 3/4/2015 4:42:24 PM

Quant Time: Mar 04 07:55:44 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021915.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 04 04:46:40 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.24  | 152  | 85976    | 20.00 | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.81  | 136  | 351974   | 20.00 | ng    | 0.00      |
| 38) Acenaphthene-d10        | 10.99 | 164  | 180945   | 20.00 | ng    | 0.00      |
| 63) Phenanthrene-d10        | 12.83 | 188  | 352142   | 20.00 | ng    | 0.00      |
| 75) Chrysene-d12            | 16.12 | 240  | 380620   | 20.00 | ng    | 0.00      |
| 86) Perylene-d12            | 17.82 | 264  | 375567   | 20.00 | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |       |       |           |
| 5) 2-Fluorophenol           | 0.00  | 112  | 0        | 0.00  | ng    |           |
| 7) Phenol-d6                | 0.00  | 99   | 0        | 0.00  | ng    |           |
| 23) Nitrobenzene-d5         | 7.93  | 82   | 532      | 0.09  | ng    | 0.00      |
| 41) 2,4,6-Tribromophenol    | 0.00  | 330  | 0        | 0.00  | ng    |           |
| 44) 2-Fluorobiphenyl        | 10.16 | 172  | 933      | 0.08  | ng    | 0.00      |
| 78) Terphenyl-d14           | 14.83 | 244  | 1115     | 0.07  | ng    | 0.00      |
| Target Compounds            |       |      |          |       |       |           |
| 31) Naphthalene             | 8.84  | 128  | 1584591  | 90.03 | ng    | Qvalue 98 |
| 37) 2-Methylnaphthalene     | 9.70  | 142  | 405828   | 32.47 | ng    | 98        |
| 45) 1,1'-Biphenyl           | 10.28 | 154  | 76048    | 5.55  | ng    | 98        |
| 48) Acenaphthylene          | 10.81 | 152  | 40632    | 2.39  | ng    | # 91      |
| 51) Acenaphthene            | 11.03 | 154  | 151051   | 14.87 | ng    | 99        |
| 57) Fluorene                | 11.67 | 166  | 113149m  | 9.02  | ng    |           |
| 70) Phenanthrene            | 12.86 | 178  | 574583   | 28.15 | ng    | 99        |
| 71) Anthracene              | 12.92 | 178  | 175949   | 8.69  | ng    | 99        |
| 74) Fluoranthene            | 14.34 | 202  | 235201   | 10.55 | ng    | 98        |
| 77) Pyrene                  | 14.62 | 202  | 369547   | 15.87 | ng    | 99        |
| 80) Benzo(a)anthracene      | 16.10 | 228  | 144072m  | 6.46  | ng    |           |
| 82) Chrysene                | 16.14 | 228  | 113183   | 5.40  | ng    | 98        |
| 87) Benzo(b)fluoranthene    | 17.39 | 252  | 91904m   | 4.21  | ng    |           |
| 89) Benzo(a)pyrene          | 17.75 | 252  | 104315   | 5.02  | ng    | 98        |
| 91) Benzo(g,h,i)perylene    | 19.67 | 276  | 43453    | 2.17  | ng    | 94        |

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

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