

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\  
 Data File : BF084823.D  
 Acq On : 4 Feb 2016 9:16  
 Operator : SJ/IZ  
 Sample : H1322-07  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S4-B020(10-12)

Manual Integrations  
 APPROVED

mohammad  
 2/4/2016 2:05:31 PM

Quant Time: Feb 04 10:18:08 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 03 14:16:01 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.68  | 152  | 191120   | 20.00  | ng    | 0.00           |
| 21) Naphthalene-d8          | 7.97  | 136  | 825690   | 20.00  | ng    | 0.00           |
| 38) Acenaphthene-d10        | 9.72  | 164  | 353077   | 20.00  | ng    | -0.01          |
| 63) Phenanthrene-d10        | 11.20 | 188  | 580278   | 20.00  | ng    | -0.01          |
| 75) Chrysene-d12            | 13.83 | 240  | 384497   | 20.00  | ng    | -0.01          |
| 86) Perylene-d12            | 15.21 | 264  | 361517   | 20.00  | ng    | 0.00           |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.28  | 112  | 1053932  | 85.89  | ng    | 0.00           |
| 7) Phenol-d6                | 6.34  | 99   | 1619377  | 106.46 | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 7.25  | 82   | 927101   | 63.25  | ng    | -0.01          |
| 41) 2,4,6-Tribromophenol    | 10.51 | 330  | 269203   | 73.10  | ng    | -0.01          |
| 44) 2-Fluorobiphenyl        | 9.06  | 172  | 1460708  | 64.28  | ng    | 0.00           |
| 78) Terphenyl-d14           | 12.79 | 244  | 1054501  | 62.15  | ng    | -0.01          |
| Target Compounds            |       |      |          |        |       |                |
| 49) Dimethylphthalate       | 9.45  | 163  | 309021   | 11.49  | ng    | Qvalue<br># 89 |
| 70) Phenanthrene            | 11.22 | 178  | 151376   | 4.70   | ng    | 99             |
| 74) Fluoranthene            | 12.41 | 202  | 252409   | 7.75   | ng    | 96             |
| 77) Pyrene                  | 12.64 | 202  | 249246   | 8.47   | ng    | 98             |
| 80) Benzo(a)anthracene      | 13.83 | 228  | 116708m  | 4.89   | ng    |                |
| 82) Chrysene                | 13.86 | 228  | 82674m   | 3.57   | ng    |                |
| 85) Indeno(1,2,3-cd)pyrene  | 16.49 | 276  | 53446    | 2.93   | ng    | 99             |
| 87) Benzo(b)fluoranthene    | 14.83 | 252  | 114707m  | 4.72   | ng    |                |
| 89) Benzo(a)pyrene          | 15.15 | 252  | 82648    | 3.99   | ng    | 97             |
| 91) Benzo(g,h,i)perylene    | 16.88 | 276  | 53650    | 3.06   | ng    | 98             |

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

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