

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\  
 Data File : BF078973.D  
 Acq On : 6 May 2015 21:19  
 Operator : TP/IZ  
 Sample : G2035-12  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-11-D3.5

Manual Integrations  
 APPROVED

apatel  
 5/7/2015 1:58:34 PM

Quant Time: May 07 02:28:05 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 07 00:45:56 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.35  | 152  | 66921    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8             | 8.92  | 136  | 288608   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10           | 11.11 | 164  | 141878   | 20.00  | ng    | 0.01     |
| 63) Phenanthrene-d10           | 12.95 | 188  | 279915   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12               | 16.25 | 240  | 302811   | 20.00  | ng    | -0.06    |
| 86) Perylene-d12               | 17.99 | 264  | 319230   | 20.00  | ng    | -0.24    |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.64  | 112  | 574408   | 147.75 | ng    | 0.01     |
| 7) Phenol-d6                   | 6.90  | 99   | 739401   | 143.89 | ng    | 0.01     |
| 23) Nitrobenzene-d5            | 8.04  | 82   | 453472   | 90.30  | ng    | 0.01     |
| 41) 2,4,6-Tribromophenol       | 12.09 | 330  | 227491   | 148.22 | ng    | 0.01     |
| 44) 2-Fluorobiphenyl           | 10.27 | 172  | 832840   | 81.78  | ng    | 0.00     |
| 78) Terphenyl-d14              | 14.95 | 244  | 935352m  | 73.95  | ng    | 0.00     |
| Target Compounds               |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate          | 10.78 | 163  | 41001    | 3.94   | ng    | 99       |
| 70) Phenanthrene               | 12.98 | 178  | 65449    | 4.18   | ng    | 97       |
| 74) Fluoranthene               | 14.48 | 202  | 89850    | 5.51   | ng    | 98       |
| 77) Pyrene                     | 14.74 | 202  | 80000m   | 4.58   | ng    |          |
| 82) Chrysene                   | 16.27 | 228  | 35071    | 2.20   | ng    | # 91     |
| 83) Bis(2-ethylhexyl)phthalate | 16.29 | 149  | 104603   | 9.05   | ng    | 100      |
| 87) Benzo(b)fluoranthene       | 17.53 | 252  | 46881m   | 2.68   | ng    |          |

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

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