

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\  
 Data File : BF088975.D  
 Acq On : 13 Jul 2016 23:36  
 Operator : UM/SJ  
 Sample : H3946-07  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 M8-B3(0-5)C

## Manual Integrations

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 Sohil  
 7/14/2016 4:19:58 AM

Quant Time: Jul 14 03:16:45 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 14 01:23:58 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.70  | 152  | 74770    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8             | 7.98  | 136  | 253697   | 20.00  | ng    | -0.01    |
| 38) Acenaphthene-d10           | 9.72  | 164  | 105156   | 20.00  | ng    | -0.01    |
| 63) Phenanthrene-d10           | 11.20 | 188  | 159803   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12               | 13.83 | 240  | 132409   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12               | 15.20 | 264  | 115772   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.30  | 112  | 579456   | 116.15 | ng    | 0.01     |
| 7) Phenol-d6                   | 6.35  | 99   | 719449   | 111.60 | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 7.27  | 82   | 509019   | 105.14 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol       | 10.51 | 330  | 127534   | 130.61 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl           | 9.06  | 172  | 709368   | 106.56 | ng    | 0.00     |
| 78) Terphenyl-d14              | 12.79 | 244  | 419073   | 70.49  | ng    | -0.01    |
| Target Compounds               |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate          | 9.46  | 163  | 173513   | 23.16  | ng    | 98       |
| 70) Phenanthrene               | 11.22 | 178  | 28631    | 3.28   | ng    | 99       |
| 74) Fluoranthene               | 12.41 | 202  | 70101    | 7.92   | ng    | 94       |
| 77) Pyrene                     | 12.64 | 202  | 60961    | 5.43   | ng    | 97       |
| 80) Benzo(a)anthracene         | 13.82 | 228  | 47536    | 5.58   | ng    | 96       |
| 82) Chrysene                   | 13.85 | 228  | 36423    | 4.32   | ng    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 13.83 | 149  | 58734    | 10.27  | ng    | 97       |
| 84) Di-n-octyl phthalate       | 14.48 | 149  | 156468   | 16.11  | ng    | # 100    |
| 85) Indeno(1,2,3-cd)pyrene     | 16.48 | 276  | 19048    | 2.94   | ng    | # 100    |
| 87) Benzo(b)fluoranthene       | 14.82 | 252  | 51547m   | 7.10   | ng    |          |
| 88) Benzo(k)fluoranthene       | 14.83 | 252  | 21109m   | 3.34   | ng    |          |
| 89) Benzo(a)pyrene             | 15.14 | 252  | 33543m   | 5.46   | ng    |          |
| 91) Benzo(a,h,i)perylene       | 16.87 | 276  | 20168    | 3.80   | ng    | 96       |

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

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