

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051017\  
 Data File : BF095074.D  
 Acq On : 11 May 2017 00:54  
 Operator : SJ/MA  
 Sample : I2970-01 2X  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-U10-BASE

Manual Integrations  
 APPROVED

mohammad  
 5/11/2017 2:25:41 PM

Quant Time: May 11 08:20:48 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 03 17:24:51 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.70  | 152  | 100027   | 20.00 | ng    | -0.03    |
| 21) Naphthalene-d8          | 9.72  | 136  | 405404   | 20.00 | ng    | -0.03    |
| 38) Acenaphthene-d10        | 12.55 | 164  | 187652   | 20.00 | ng    | -0.03    |
| 63) Phenanthrene-d10        | 14.95 | 188  | 316430   | 20.00 | ng    | -0.03    |
| 75) Chrysene-d12            | 18.62 | 240  | 227154   | 20.00 | ng    | -0.03    |
| 86) Perylene-d12            | 20.29 | 264  | 219488   | 20.00 | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.65  | 112  | 317774   | 52.97 | ng    | -0.02    |
| 7) Phenol-d6                | 7.25  | 99   | 389096   | 54.05 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 8.60  | 82   | 241721   | 37.60 | ng    | -0.04    |
| 41) 2,4,6-Tribromophenol    | 13.85 | 330  | 76846    | 50.00 | ng    | -0.03    |
| 44) 2-Fluorobiphenyl        | 11.50 | 172  | 502938   | 38.58 | ng    | -0.04    |
| 78) Terphenyl-d14           | 17.28 | 244  | 329316   | 31.93 | ng    | -0.04    |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 31) Naphthalene             | 9.76  | 128  | 54822    | 2.69  | ng    | 97       |
| 37) 2-Methylnaphthalene     | 10.89 | 142  | 50999    | 3.81  | ng    | 92       |
| 49) Dimethylphthalate       | 12.20 | 163  | 79135    | 5.14  | ng    | 99       |
| 70) Phenanthrene            | 14.99 | 178  | 87291    | 4.80  | ng    | 100      |
| 74) Fluoranthene            | 16.74 | 202  | 135705   | 7.28  | ng    | 98       |
| 77) Pyrene                  | 17.04 | 202  | 140578   | 8.27  | ng    | 99       |
| 80) Benzo(a)anthracene      | 18.61 | 228  | 73552m   | 5.56  | ng    |          |
| 82) Chrysene                | 18.66 | 228  | 79794    | 6.24  | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene  | 21.59 | 276  | 55654    | 5.36  | ng    | 98       |
| 87) Benzo(b)fluoranthene    | 19.89 | 252  | 123246m  | 9.09  | ng    |          |
| 88) Benzo(k)fluoranthene    | 19.92 | 252  | 35941m   | 2.75  | ng    |          |
| 89) Benzo(a)pyrene          | 20.24 | 252  | 74579    | 5.96  | ng    | 97       |
| 91) Benzo(a,h,i)perylene    | 21.97 | 276  | 55578    | 5.48  | ng    | 97       |

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

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