

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\  
 Data File : BF107958.D  
 Acq On : 4 Aug 2018 00:31  
 Operator : JU/SJ  
 Sample : J4298-02 2X  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-2

Manual Integrations  
 APPROVED

Sohil  
 8/6/2018 5:06:00 PM

Quant Time: Aug 04 05:51:02 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 30 17:48:53 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.95  | 152  | 112422   | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8             | 8.23  | 136  | 505676   | 20.00  | ng    | -0.02    |
| 38) Acenaphthene-d10           | 9.99  | 164  | 213876   | 20.00  | ng    | -0.02    |
| 63) Phenanthrene-d10           | 11.49 | 188  | 366029   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12               | 14.14 | 240  | 343001   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12               | 15.68 | 264  | 310081   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.61  | 112  | 229175   | 34.65  | ng    | 0.01     |
| 7) Phenol-d6                   | 6.61  | 99   | 361167   | 41.43  | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 7.53  | 82   | 234054   | 26.67  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol       | 10.79 | 330  | 88040    | 30.29  | ng    | -0.01    |
| 44) 2-Fluorobiphenyl           | 9.30  | 172  | 467097   | 30.43  | ng    | -0.02    |
| 78) Terphenyl-d14              | 13.07 | 244  | 359795   | 22.75  | ng    | -0.02    |
| Target Compounds               |       |      |          |        |       |          |
| 49) Dimethylphthalate          | 9.70  | 163  | 60325    | 3.756  | ng    | 97       |
| 51) Acenaphthene               | 10.02 | 154  | 30808    | 2.331  | ng    | 97       |
| 70) Phenanthrene               | 11.51 | 178  | 370212   | 21.301 | ng    | 97       |
| 71) Anthracene                 | 11.57 | 178  | 132238   | 6.596  | ng    | 96       |
| 72) Carbazole                  | 11.75 | 167  | 46771    | 2.361  | ng    | 96       |
| 74) Fluoranthene               | 12.71 | 202  | 745368   | 36.505 | ng    | 96       |
| 77) Pyrene                     | 12.94 | 202  | 634759   | 25.700 | ng    | 96       |
| 80) Benzo(a)anthracene         | 14.13 | 228  | 347459   | 17.883 | ng    | 96       |
| 82) Chrysene                   | 14.17 | 228  | 321017   | 15.318 | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 14.08 | 149  | 66864    | 4.917  | ng    | 95       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.26 | 276  | 127280m  | 7.985  | ng    |          |
| 87) Benzo(b)fluoranthene       | 15.22 | 252  | 347799m  | 22.742 | ng    |          |
| 88) Benzo(k)fluoranthene       | 15.24 | 252  | 200896m  | 10.700 | ng    |          |
| 89) Benzo(a)pyrene             | 15.61 | 252  | 266950   | 16.909 | ng    | 96       |
| 91) Benzo(a,h,i)perylene       | 17.74 | 276  | 118993   | 8.930  | ng    | 95       |

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

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