

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\  
 Data File : BF107225.D  
 Acq On : 9 Jul 2018 13:41  
 Operator : JU/SJ  
 Sample : J3881-03  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SURCHARGE-SP-22

Manual Integrations  
 APPROVED

Sohil  
 7/10/2018 2:46:12 PM

Quant Time: Jul 09 14:26:01 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 29 14:38:29 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.94  | 152  | 40891    | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8             | 8.22  | 136  | 154728   | 20.00  | ng    | -0.02    |
| 38) Acenaphthene-d10           | 9.99  | 164  | 76343    | 20.00  | ng    | -0.02    |
| 63) Phenanthrene-d10           | 11.48 | 188  | 138102   | 20.00  | ng    | -0.02    |
| 75) Chrysene-d12               | 14.14 | 240  | 117292   | 20.00  | ng    | -0.02    |
| 86) Perylene-d12               | 15.69 | 264  | 103069   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.59  | 112  | 235088   | 97.35  | ng    | -0.01    |
| 7) Phenol-d6                   | 6.60  | 99   | 296826   | 98.43  | ng    | -0.02    |
| 23) Nitrobenzene-d5            | 7.51  | 82   | 186625   | 67.03  | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol       | 10.79 | 330  | 88049    | 99.51  | ng    | -0.01    |
| 44) 2-Fluorobiphenyl           | 9.30  | 172  | 354705   | 77.31  | ng    | -0.02    |
| 78) Terphenyl-d14              | 13.07 | 244  | 378190   | 78.10  | ng    | -0.01    |
| Target Compounds               |       |      |          |        |       | Qvalue   |
| 31) Naphthalene                | 8.25  | 128  | 15554    | 2.150  | ng    | 99       |
| 49) Dimethylphthalate          | 9.70  | 163  | 56958    | 9.948  | ng    | 99       |
| 51) Acenaphthene               | 10.02 | 154  | 14143    | 2.970  | ng    | 98       |
| 54) Dibenzofuran               | 10.20 | 168  | 13645    | 2.093  | ng    | 93       |
| 57) Fluorene                   | 10.54 | 166  | 14300    | 2.764  | ng    | # 97     |
| 70) Phenanthrene               | 11.51 | 178  | 118178   | 17.742 | ng    | 98       |
| 71) Anthracene                 | 11.56 | 178  | 39471    | 5.806  | ng    | 99       |
| 74) Fluoranthene               | 12.71 | 202  | 247606   | 33.726 | ng    | 96       |
| 77) Pyrene                     | 12.94 | 202  | 236268   | 30.547 | ng    | 99       |
| 80) Benzo(a)anthracene         | 14.13 | 228  | 137815   | 19.279 | ng    | 98       |
| 82) Chrysene                   | 14.17 | 228  | 135941   | 20.670 | ng    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 14.08 | 149  | 8410     | 2.069  | ng    | # 84     |
| 85) Indeno(1,2,3-cd)pyrene     | 17.28 | 276  | 51780    | 9.278  | ng    | # 88     |
| 87) Benzo(b)fluoranthene       | 15.23 | 252  | 160887m  | 25.128 | ng    |          |
| 88) Benzo(k)fluoranthene       | 15.26 | 252  | 60461m   | 9.916  | ng    |          |
| 89) Benzo(a)pyrene             | 15.62 | 252  | 105151   | 18.474 | ng    | 95       |
| 90) Dibenzo(a,h)anthracene     | 17.28 | 278  | 15293    | 3.170  | ng    | # 84     |
| 91) Benzo(g,h,i)perylene       | 17.78 | 276  | 50781    | 10.771 | ng    | # 90     |

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

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