

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\  
 Data File : BF107213.D  
 Acq On : 7 Jul 2018 18:13  
 Operator : JU/SJ  
 Sample : J3880-03  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SURCHARGE-SP-12

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 2:06:44 PM

Quant Time: Jul 09 04:54:17 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      | 6.95  | 152  | 70597    | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8             | 8.23  | 136  | 248765   | 20.00  | ng    | -0.02    |
| 38) Acenaphthene-d10           | 10.00 | 164  | 111618   | 20.00  | ng    | -0.01    |
| 63) Phenanthrene-d10           | 11.49 | 188  | 214681   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12               | 14.15 | 240  | 155568   | 20.00  | ng    | -0.02    |
| 86) Perylene-d12               | 15.69 | 264  | 122769   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.60  | 112  | 429327   | 102.98 | ng    | 0.00     |
| 7) Phenol-d6                   | 6.60  | 99   | 533349   | 102.44 | ng    | -0.01    |
| 23) Nitrobenzene-d5            | 7.52  | 82   | 319231   | 71.32  | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol       | 10.79 | 330  | 147533   | 114.04 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl           | 9.31  | 172  | 558297   | 84.59  | ng    | -0.02    |
| 78) Terphenyl-d14              | 13.08 | 244  | 628598   | 97.88  | ng    | 0.00     |
| Target Compounds               |       |      |          |        |       | Qvalue   |
| 10) Phenol                     | 6.61  | 94   | 13732    | 2.311  | ng    | 82       |
| 31) Naphthalene                | 8.25  | 128  | 49592    | 4.264  | ng    | 98       |
| 37) 2-Methylnaphthalene        | 8.95  | 142  | 18441    | 2.392  | ng    | 94       |
| 48) Acenaphthylene             | 9.85  | 152  | 24860    | 2.249  | ng    | 98       |
| 49) Dimethylphthalate          | 9.70  | 163  | 151835   | 18.137 | ng    | # 99     |
| 51) Acenaphthene               | 10.02 | 154  | 19228    | 2.762  | ng    | 98       |
| 54) Dibenzofuran               | 10.20 | 168  | 29714    | 3.117  | ng    | 92       |
| 57) Fluorene                   | 10.54 | 166  | 29691    | 3.925  | ng    | 99       |
| 70) Phenanthrene               | 11.51 | 178  | 309896   | 29.929 | ng    | 100      |
| 71) Anthracene                 | 11.57 | 178  | 106818   | 10.107 | ng    | 99       |
| 72) Carbazole                  | 11.72 | 167  | 44648    | 4.512  | ng    | 98       |
| 74) Fluoranthene               | 12.71 | 202  | 507318   | 44.452 | ng    | 96       |
| 77) Pyrene                     | 12.95 | 202  | 470240   | 45.838 | ng    | 99       |
| 80) Benzo(a)anthracene         | 14.14 | 228  | 251619   | 26.538 | ng    | 98       |
| 82) Chrysene                   | 14.18 | 228  | 225196   | 25.817 | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 14.09 | 149  | 13472    | 2.498  | ng    | # 93     |
| 85) Indeno(1,2,3-cd)pyrene     | 17.29 | 276  | 97604    | 13.185 | ng    | # 86     |
| 87) Benzo(b)fluoranthene       | 15.24 | 252  | 248807m  | 32.625 | ng    |          |
| 88) Benzo(k)fluoranthene       | 15.26 | 252  | 78829m   | 10.854 | ng    |          |
| 89) Benzo(a)pyrene             | 15.63 | 252  | 165932   | 24.475 | ng    | 95       |
| 90) Dibenzo(a,h)anthracene     | 17.29 | 278  | 27724m   | 4.825  | ng    |          |
| 91) Benzo(g,h,i)perylene       | 17.78 | 276  | 95387    | 16.985 | ng    | # 89     |

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

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