

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\  
 Data File : BF107239.D  
 Acq On : 9 Jul 2018 19:55  
 Operator : JU/SJ  
 Sample : J3879-11  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SURCHARGE-SP-6

Manual Integrations  
 APPROVED

Sohil  
 7/10/2018 2:46:48 PM

Quant Time: Jul 10 04:38:49 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  | 30514    | 20.00  | ng    | -0.01     |
| 21) Naphthalene-d8          | 8.23  | 136  | 102009   | 20.00  | ng    | -0.02     |
| 38) Acenaphthene-d10        | 9.99  | 164  | 46679    | 20.00  | ng    | -0.02     |
| 63) Phenanthrene-d10        | 11.49 | 188  | 103738   | 20.00  | ng    | -0.01     |
| 75) Chrysene-d12            | 14.15 | 240  | 83751    | 20.00  | ng    | -0.02     |
| 86) Perylene-d12            | 15.69 | 264  | 56984    | 20.00  | ng    | -0.02     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.62  | 112  | 205383   | 113.97 | ng    | 0.02      |
| 7) Phenol-d6                | 6.62  | 99   | 232759   | 103.43 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.51  | 82   | 124372   | 67.76  | ng    | -0.02     |
| 41) 2,4,6-Tribromophenol    | 10.79 | 330  | 61898    | 114.41 | ng    | -0.01     |
| 44) 2-Fluorobiphenyl        | 9.30  | 172  | 230131   | 83.12  | ng    | -0.02     |
| 78) Terphenyl-d14           | 13.08 | 244  | 332918   | 96.29  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 31) Naphthalene             | 8.25  | 128  | 10121    | 2.122  | ng    | Qvalue 97 |
| 49) Dimethylphthalate       | 9.70  | 163  | 57458    | 16.412 | ng    | 98        |
| 70) Phenanthrene            | 11.51 | 178  | 62145    | 12.420 | ng    | 98        |
| 71) Anthracene              | 11.57 | 178  | 20714    | 4.056  | ng    | 99        |
| 74) Fluoranthene            | 12.71 | 202  | 150057   | 27.210 | ng    | 95        |
| 77) Pyrene                  | 12.95 | 202  | 146478   | 26.522 | ng    | 100       |
| 80) Benzo(a)anthracene      | 14.14 | 228  | 71749    | 14.056 | ng    | 99        |
| 82) Chrysene                | 14.18 | 228  | 63706    | 13.566 | ng    | 97        |
| 85) Indeno(1,2,3-cd)pyrene  | 17.29 | 276  | 28263    | 7.092  | ng    | # 84      |
| 87) Benzo(b)fluoranthene    | 15.23 | 252  | 66641m   | 18.826 | ng    |           |
| 88) Benzo(k)fluoranthene    | 15.26 | 252  | 18221m   | 5.405  | ng    |           |
| 89) Benzo(a)pyrene          | 15.63 | 252  | 42206    | 13.412 | ng    | 96        |
| 90) Dibenzo(a,h)anthracene  | 17.29 | 278  | 8311     | 3.116  | ng    | # 84      |
| 91) Benzo(g,h,i)perylene    | 17.78 | 276  | 27464    | 10.536 | ng    | # 89      |

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

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