

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\  
 Data File : BF107224.D  
 Acq On : 9 Jul 2018 13:14  
 Operator : JU/SJ  
 Sample : J3881-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SURCHARGE-SP-21

Manual Integrations  
 APPROVED

Sohil  
 7/10/2018 2:46:09 PM

Quant Time: Jul 09 14:06:10 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  | 42406    | 20.00  | ng    | -0.02     |
| 21) Naphthalene-d8          | 8.22  | 136  | 156495   | 20.00  | ng    | -0.02     |
| 38) Acenaphthene-d10        | 9.98  | 164  | 70690    | 20.00  | ng    | -0.02     |
| 63) Phenanthrene-d10        | 11.48 | 188  | 128652   | 20.00  | ng    | -0.02     |
| 75) Chrysene-d12            | 14.14 | 240  | 123081   | 20.00  | ng    | -0.02     |
| 86) Perylene-d12            | 15.69 | 264  | 117041   | 20.00  | ng    | -0.03     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.59  | 112  | 233968   | 93.43  | ng    | -0.01     |
| 7) Phenol-d6                | 6.59  | 99   | 290144   | 92.77  | ng    | -0.02     |
| 23) Nitrobenzene-d5         | 7.51  | 82   | 183393   | 65.13  | ng    | -0.02     |
| 41) 2,4,6-Tribromophenol    | 10.78 | 330  | 79924    | 97.55  | ng    | -0.02     |
| 44) 2-Fluorobiphenyl        | 9.30  | 172  | 335318   | 79.30  | ng    | -0.02     |
| 78) Terphenyl-d14           | 13.07 | 244  | 357661   | 70.39  | ng    | -0.02     |
| Target Compounds            |       |      |          |        |       |           |
| 31) Naphthalene             | 8.25  | 128  | 14827    | 2.026  | ng    | Qvalue 97 |
| 49) Dimethylphthalate       | 9.70  | 163  | 49404    | 9.318  | ng    | 99        |
| 51) Acenaphthene            | 10.02 | 154  | 10861    | 2.464  | ng    | 98        |
| 57) Fluorene                | 10.54 | 166  | 11646    | 2.431  | ng    | # 99      |
| 70) Phenanthrene            | 11.51 | 178  | 93004    | 14.988 | ng    | 98        |
| 71) Anthracene              | 11.56 | 178  | 27846    | 4.397  | ng    | 97        |
| 74) Fluoranthene            | 12.71 | 202  | 204496   | 29.900 | ng    | 93        |
| 77) Pyrene                  | 12.94 | 202  | 193029   | 23.783 | ng    | 99        |
| 80) Benzo(a)anthracene      | 14.13 | 228  | 119870   | 15.980 | ng    | 99        |
| 82) Chrysene                | 14.17 | 228  | 103273   | 14.964 | ng    | 98        |
| 85) Indeno(1,2,3-cd)pyrene  | 17.28 | 276  | 52639m   | 8.988  | ng    |           |
| 87) Benzo(b)fluoranthene    | 15.22 | 252  | 139100m  | 19.132 | ng    |           |
| 88) Benzo(k)fluoranthene    | 15.25 | 252  | 53593m   | 7.741  | ng    |           |
| 89) Benzo(a)pyrene          | 15.62 | 252  | 96139    | 14.875 | ng    | 97        |
| 90) Dibenzo(a,h)anthracene  | 17.28 | 278  | 14382    | 2.626  | ng    | # 81      |
| 91) Benzo(g,h,i)perylene    | 17.77 | 276  | 48253    | 9.013  | ng    | # 89      |

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

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