

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\  
 Data File : BF107366.D  
 Acq On : 13 Jul 2018 14:49  
 Operator : JU/SJ  
 Sample : J3948-05 5X  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 2018-NYSEG-CLARK-ST-PH4-AREA

Manual Integrations  
 APPROVED

Sohil  
 7/16/2018 3:22:18 PM

Quant Time: Jul 13 15:47:12 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 13 11:54:53 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.93  | 152  | 43893    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.21  | 136  | 148103   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.98  | 164  | 67095    | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.48 | 188  | 143407   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 14.14 | 240  | 156179   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.68 | 264  | 133392   | 20.00  | ng    | 0.02     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.57  | 112  | 47555    | 18.35  | ng    | 0.00     |
| 7) Phenol-d6                | 6.58  | 99   | 52952    | 16.36  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.50  | 82   | 29832    | 11.19  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.78 | 330  | 12725    | 16.36  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 0.00  | 172  | 0d       | 0.00   | ng    | 0.00     |
| 78) Terphenyl-d14           | 13.06 | 244  | 69502    | 10.78  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 31) Naphthalene             | 8.24  | 128  | 170176   | 24.577 | ng    | 98       |
| 37) 2-Methylnaphthalene     | 8.93  | 142  | 21452    | 4.674  | ng    | 95       |
| 45) 1,1'-Biphenyl           | 9.39  | 154  | 122093   | 22.833 | ng    | 99       |
| 48) Acenaphthylene          | 9.84  | 152  | 139369   | 20.973 | ng    | 98       |
| 49) Dimethylphthalate       | 9.68  | 163  | 12109    | 2.406  | ng    | 96       |
| 51) Acenaphthene            | 10.01 | 154  | 374190   | 89.423 | ng    | 97       |
| 57) Fluorene                | 10.53 | 166  | 205177   | 45.125 | ng    | 98       |
| 70) Phenanthrene            | 11.51 | 178  | 646687   | 93.495 | ng    | 99       |
| 71) Anthracene              | 11.55 | 178  | 366423   | 51.901 | ng    | 100      |
| 74) Fluoranthene            | 12.71 | 202  | 728555   | 95.564 | ng    | 96       |
| 77) Pyrene                  | 12.94 | 202  | 959033   | 93.120 | ng    | 98       |
| 80) Benzo(a)anthracene      | 14.13 | 228  | 616157m  | 64.731 | ng    |          |
| 82) Chrysene                | 14.17 | 228  | 481464   | 54.980 | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene  | 17.28 | 276  | 171689   | 23.103 | ng    | # 86     |
| 87) Benzo(b)fluoranthene    | 15.23 | 252  | 455499m  | 54.971 | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.24 | 252  | 178485m  | 22.619 | ng    |          |
| 89) Benzo(a)pyrene          | 15.62 | 252  | 477400m  | 64.809 | ng    |          |
| 90) Dibenzo(a,h)anthracene  | 17.27 | 278  | 49069m   | 7.860  | ng    |          |
| 91) Benzo(a,h,i)perylene    | 17.77 | 276  | 191892   | 31.448 | ng    | # 91     |

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

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