

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\  
 Data File : BF107661.D  
 Acq On : 25 Jul 2018 17:07  
 Operator : JU/SJ  
 Sample : J4126-05 2X  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 2018-NYSEG-CLARK-AREA-11

Manual Integrations  
 APPROVED

Sohil  
 7/26/2018 2:02:57 PM

Quant Time: Jul 26 16:28:25 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 20 16:29:27 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|-------|------|----------|---------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.97  | 152  | 211373   | 20.00   | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.25  | 136  | 785126   | 20.00   | ng    | 0.00     |
| 38) Acenaphthene-d10        | 10.02 | 164  | 322506   | 20.00   | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.52 | 188  | 429837   | 20.00   | ng    | 0.00     |
| 75) Chrysene-d12            | 14.18 | 240  | 278469   | 20.00   | ng    | 0.02     |
| 86) Perylene-d12            | 15.71 | 264  | 361393   | 20.00   | ng    | 0.01     |
| System Monitoring Compounds |       |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.60  | 112  | 548179   | 41.70   | ng    | -0.01    |
| 7) Phenol-d6                | 6.60  | 99   | 711613   | 45.08   | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.53  | 82   | 392600   | 33.75   | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 10.81 | 330  | 148288   | 40.43   | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 9.32  | 172  | 620014   | 25.43   | ng    | -0.01    |
| 78) Terphenyl-d14           | 13.09 | 244  | 485062   | 44.59   | ng    | 0.00     |
| Target Compounds            |       |      |          |         |       | Qvalue   |
| 31) Naphthalene             | 8.27  | 128  | 1452463  | 42.070  | ng    | 98       |
| 37) 2-Methylnaphthalene     | 8.97  | 142  | 550011   | 22.989  | ng    | 98       |
| 45) 1,1'-Biphenyl           | 9.43  | 154  | 1546634  | 55.052  | ng    | 98       |
| 48) Acenaphthylene          | 9.88  | 152  | 1074974  | 33.324  | ng    | 99       |
| 49) Dimethylphthalate       | 9.72  | 163  | 143111   | 5.888   | ng    | # 98     |
| 51) Acenaphthene            | 10.07 | 154  | 3997112  | 197.762 | ng    | 96       |
| 54) Dibenzofuran            | 10.22 | 168  | 771192   | 25.917  | ng    | 99       |
| 57) Fluorene                | 10.58 | 166  | 3218149  | 151.597 | ng    | # 95     |
| 70) Phenanthrene            | 11.56 | 178  | 10656533 | 508.760 | ng    | # 90     |
| 71) Anthracene              | 11.62 | 178  | 4590379  | 217.661 | ng    | # 89     |
| 74) Fluoranthene            | 12.75 | 202  | 7769494  | 345.668 | ng    | 94       |
| 77) Pylene                  | 13.00 | 202  | 8705084m | 457.018 | ng    |          |
| 80) Benzo(a)anthracene      | 14.17 | 228  | 4492829  | 275.316 | ng    | # 69     |
| 82) Chrysene                | 14.21 | 228  | 3199348  | 204.094 | ng    | # 89     |
| 85) Indeno(1,2,3-cd)pyrene  | 17.31 | 276  | 1940568  | 146.064 | ng    | # 88     |
| 87) Benzo(b)fluoranthene    | 15.27 | 252  | 4172352m | 210.952 | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.29 | 252  | 1048928m | 54.131  | ng    |          |
| 89) Benzo(a)pyrene          | 15.67 | 252  | 3916333  | 216.466 | ng    | 96       |
| 90) Dibenzo(a,h)anthracene  | 17.31 | 278  | 441179m  | 28.210  | ng    |          |
| 91) Benzo(a,h,i)perylene    | 17.80 | 276  | 1972626  | 127.873 | ng    | # 92     |

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

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