

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\  
 Data File : BF104793.D  
 Acq On : 25 Apr 2018 17:13  
 Operator : JU/SJ  
 Sample : J2520-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-8 0.0-0.5

Manual Integrations  
 APPROVED

Sohil  
 4/26/2018 6:09:42 PM

Quant Time: Apr 26 11:35:23 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 25 14:01:50 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.80  | 152  | 123417   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.09  | 136  | 497147   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.84  | 164  | 217081   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.33 | 188  | 344260   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.99 | 240  | 214333   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.45 | 264  | 193421   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.42  | 112  | 656422   | 81.33  | ng    | 0.00     |
| 7) Phenol-d6                | 6.44  | 99   | 822154   | 82.90  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.37  | 82   | 526286   | 69.13  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.63 | 330  | 169520   | 75.28  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.16  | 172  | 840144   | 61.14  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.92 | 244  | 562041   | 59.78  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 48) Acenaphthylene          | 9.70  | 152  | 54994    | 2.433  | ng    | 99       |
| 49) Dimethylphthalate       | 9.55  | 163  | 133242   | 7.783  | ng    | 99       |
| 51) Acenaphthene            | 9.87  | 154  | 33942    | 2.462  | ng    | 98       |
| 57) Fluorene                | 10.39 | 166  | 38614    | 2.761  | ng    | 96       |
| 70) Phenanthrene            | 11.36 | 178  | 637835   | 33.270 | ng    | 98       |
| 71) Anthracene              | 11.41 | 178  | 141772   | 7.275  | ng    | 97       |
| 72) Carbazole               | 11.56 | 167  | 50648    | 2.660  | ng    | 98       |
| 74) Fluoranthene            | 12.55 | 202  | 862162   | 43.042 | ng    | 99       |
| 77) Pyrene                  | 12.79 | 202  | 770971   | 48.528 | ng    | 100      |
| 80) Benzo(a)anthracene      | 13.97 | 228  | 413316   | 32.279 | ng    | 96       |
| 82) Chrysene                | 14.01 | 228  | 399155   | 30.349 | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.92 | 276  | 163785   | 14.660 | ng    | # 89     |
| 87) Benzo(b)fluoranthene    | 15.03 | 252  | 451548m  | 36.963 | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.05 | 252  | 152415m  | 13.215 | ng    |          |
| 89) Benzo(a)pyrene          | 15.39 | 252  | 302551   | 27.680 | ng    | 97       |
| 90) Dibenzo(a,h)anthracene  | 16.92 | 278  | 44479m   | 4.955  | ng    |          |
| 91) Benzo(g,h,i)perylene    | 17.36 | 276  | 143510   | 16.500 | ng    | 93       |

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

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