

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\  
 Data File : BF104822.D  
 Acq On : 26 Apr 2018 7:27  
 Operator : JU/SJ  
 Sample : J2520-03  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-8 4.0-4.5

Manual Integrations  
 APPROVED

Sohil  
 4/26/2018 6:15:17 PM

Quant Time: Apr 26 14:16:17 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  | 115343   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.08  | 136  | 470647   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.84  | 164  | 203645   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.33 | 188  | 318300   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12            | 13.97 | 240  | 255991   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12            | 15.44 | 264  | 194150   | 20.00 | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.42  | 112  | 547496   | 72.58 | ng    | 0.00     |
| 7) Phenol-d6                | 6.44  | 99   | 671630   | 72.46 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.36  | 82   | 421242   | 58.44 | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.63 | 330  | 144658   | 68.48 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.16  | 172  | 703527   | 54.58 | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.92 | 244  | 510688   | 45.48 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 49) Dimethylphthalate       | 9.55  | 163  | 76681    | 4.775 | ng    | 99       |
| 70) Phenanthrene            | 11.35 | 178  | 168740   | 9.519 | ng    | 98       |
| 74) Fluoranthene            | 12.54 | 202  | 171570   | 9.264 | ng    | 97       |
| 77) Pyrene                  | 12.77 | 202  | 149851   | 7.897 | ng    | 99       |
| 80) Benzo(a)anthracene      | 13.97 | 228  | 70581    | 4.615 | ng    | 98       |
| 82) Chrysene                | 14.00 | 228  | 68999    | 4.392 | ng    | 99       |
| 87) Benzo(b)fluoranthene    | 15.02 | 252  | 58875m   | 4.801 | ng    |          |
| 89) Benzo(a)pyrene          | 15.38 | 252  | 38689    | 3.526 | ng    | 95       |
| 91) Benzo(g,h,i)perylene    | 17.34 | 276  | 18274    | 2.093 | ng    | 93       |

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

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