

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013117\  
 Data File : BE092699.D  
 Acq On : 31 Jan 2017 22:43  
 Operator : SJ/MA  
 Sample : I1505-01 10X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SB-01

Manual Integrations  
 APPROVED

mohammad  
 2/1/2017 2:28:51 PM

Quant Time: Feb 01 03:08:46 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 17 10:14:01 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 8.14  | 152  | 10731    | 5.00 | ng    | 0.00     |
| 7) Naphthalene-d8              | 10.91 | 136  | 54995    | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10           | 14.78 | 164  | 37763    | 5.00 | ng    | 0.00     |
| 18) Phenanthrene-d10           | 17.53 | 188  | 79282    | 5.00 | ng    | 0.00     |
| 24) Chrysene-d12               | 21.72 | 240  | 74542    | 5.00 | ng    | 0.00     |
| 31) Perylene-d12               | 24.07 | 264  | 80502    | 5.00 | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |      |       |          |
| 4) 2-Fluorophenol              | 5.65  | 112  | 2638     | 1.10 | ng    | 0.00     |
| 5) Phenol-d6                   | 7.31  | 99   | 3440     | 1.17 | ng    | -0.02    |
| 8) Nitrobenzene-d5             | 9.36  | 82   | 1535m    | 0.43 | ng    | 0.02     |
| 13) 2,4,6-Tribromophenol       | 16.31 | 330  | 789      | 0.83 | ng    | 0.01     |
| 14) 2-Fluorobiphenyl           | 13.42 | 172  | 4625     | 0.50 | ng    | 0.00     |
| 26) Terphenyl-d14              | 20.14 | 244  | 6132     | 0.58 | ng    | -0.02    |
| Target Compounds               |       |      |          |      |       | Qvalue   |
| 11) 2-Methylnaphthalene        | 12.64 | 142  | 146      | 0.02 | ng    | # 75     |
| 15) Acenaphthylene             | 14.49 | 152  | 6282     | 0.12 | ng    | 100      |
| 17) Fluorene                   | 15.86 | 166  | 244      | 0.02 | ng    | 92       |
| 21) Phenanthrene               | 17.58 | 178  | 5020     | 0.29 | ng    | 96       |
| 22) Anthracene                 | 17.67 | 178  | 1364m    | 0.08 | ng    |          |
| 23) Fluoranthene               | 19.58 | 202  | 41505    | 0.53 | ng    | 99       |
| 25) Pyrene                     | 19.93 | 202  | 42857    | 0.58 | ng    | 96       |
| 27) Benzo(a)anthracene         | 21.70 | 228  | 28724m   | 0.39 | ng    |          |
| 28) Chrysene                   | 21.75 | 228  | 22719m   | 0.27 | ng    |          |
| 29) Bis(2-ethylhexyl)phthalate | 21.61 | 149  | 1164     | 0.28 | ng    | # 72     |
| 30) Indeno(1,2,3-cd)pyrene     | 26.53 | 276  | 16139    | 0.18 | ng    | 96       |
| 32) Benzo(b)fluoranthene       | 23.34 | 252  | 8772m    | 0.45 | ng    |          |
| 33) Benzo(k)fluoranthene       | 23.38 | 252  | 2586m    | 0.13 | ng    |          |
| 34) Benzo(a)pyrene             | 23.95 | 252  | 5998     | 0.33 | ng    | # 86     |
| 36) Benzo(a,h,i)perylene       | 27.30 | 276  | 17508    | 0.23 | ng    | # 88     |

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

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