

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041116\  
 Data File : BE091636.D  
 Acq On : 11 Apr 2016 19:56  
 Operator : UM/SJ  
 Sample : H2294-02  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 OUTFALL001-160405

Manual Integrations  
 APPROVED

Sohil  
 4/12/2016 5:32:55 PM

Quant Time: Apr 12 03:08:22 2016  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040816.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 08 16:48:14 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.80  | 152  | 37815    | 5.00 | ng    | -0.02    |
| 7) Naphthalene-d8              | 10.59 | 136  | 180850   | 5.00 | ng    | 0.00     |
| 13) Acenaphthene-d10           | 14.42 | 164  | 108956   | 5.00 | ng    | 0.00     |
| 19) Phenanthrene-d10           | 17.16 | 188  | 275672   | 5.00 | ng    | 0.00     |
| 26) Chrysene-d12               | 21.31 | 240  | 350588   | 5.00 | ng    | 0.00     |
| 35) Perylene-d12               | 23.76 | 264  | 292463   | 5.00 | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |      |       |          |
| 4) 2-Fluorophenol              | 5.41  | 112  | 18043    | 2.00 | ng    | 0.00     |
| 5) Phenol-d6                   | 6.97  | 99   | 13341    | 1.11 | ng    | 0.00     |
| 8) Nitrobenzene-d5             | 8.96  | 82   | 32833    | 3.12 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol       | 15.90 | 330  | 24632    | 6.23 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl           | 13.05 | 172  | 112651   | 3.72 | ng    | 0.00     |
| 29) Terphenyl-d14              | 19.76 | 244  | 205278   | 4.69 | ng    | 0.00     |
| Target Compounds               |       |      |          |      |       | Qvalue   |
| 22) Pentachlorophenol          | 16.81 | 266  | 267      | 0.27 | ng    | 94       |
| 23) Phenanthrene               | 17.19 | 178  | 1701     | 0.03 | ng    | 96       |
| 25) Fluoranthene               | 19.21 | 202  | 2074     | 0.03 | ng    | 96       |
| 28) Pyrene                     | 19.55 | 202  | 2159     | 0.03 | ng    | 97       |
| 30) Benzo(a)anthracene         | 21.29 | 228  | 4049m    | 0.05 | ng    |          |
| 32) Chrysene                   | 21.33 | 228  | 3970m    | 0.06 | ng    |          |
| 33) Bis(2-ethylhexyl)phthalate | 21.22 | 149  | 2014     | 0.30 | ng    | # 85     |
| 34) Indeno(1,2,3-cd)pyrene     | 26.32 | 276  | 3129     | 0.04 | ng    | 97       |
| 36) Benzo(b)fluoranthene       | 23.01 | 252  | 3122     | 0.05 | ng    | # 78     |
| 37) Benzo(k)fluoranthene       | 23.06 | 252  | 2743     | 0.04 | ng    | # 81     |
| 38) Benzo(a)pyrene             | 23.65 | 252  | 1959     | 0.03 | ng    | # 64     |
| 39) Dibenzo(a,h)anthracene     | 26.35 | 278  | 2736     | 0.04 | ng    | # 88     |
| 40) Benzo(a,h,i)perylene       | 27.10 | 276  | 2807     | 0.04 | ng    | # 89     |

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

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