

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062119\  
 Data File : BE100145.D  
 Acq On : 21 Jun 2019 20:30  
 Operator : JU/SJ  
 Sample : K3428-13  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 EXT-084-SW155-061319

Manual Integrations  
 APPROVED

mohammad  
 6/25/2019 3:21:23 PM

Quant Time: Jun 24 07:02:02 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061919.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 19 15:07:24 2019

Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.72  | 152  | 609      | 0.40   | ng    | 0.00     |
| 7) Naphthalene-d8              | 10.52 | 136  | 2390     | 0.40   | ng    | -0.01    |
| 13) Acenaphthene-d10           | 14.40 | 164  | 2229     | 0.40   | ng    | -0.01    |
| 19) Phenanthrene-d10           | 17.15 | 188  | 7039     | 0.40   | ng    | -0.01    |
| 27) Chrysene-d12               | 21.34 | 240  | 10757    | 0.40   | ng    | 0.00     |
| 34) Perylene-d12               | 23.83 | 264  | 12534    | 0.40   | ng    | -0.01    |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 4) 2-Fluorophenol              | 5.29  | 112  | 530      | 0.42   | ng    | 0.00     |
| 5) Phenol-d6                   | 6.91  | 99   | 688      | 0.40   | ng    | -0.02    |
| 8) Nitrobenzene-d5             | 8.90  | 82   | 777      | 0.34   | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10    | 12.12 | 152  | 114m     | 0.03   | ng    | -0.03    |
| 14) 2,4,6-Tribromophenol       | 15.89 | 330  | 516      | 0.42   | ng    | -0.03    |
| 15) 2-Fluorobiphenyl           | 13.02 | 172  | 2161     | 0.25   | ng    | -0.03    |
| 25) Fluoranthene-d10           | 19.19 | 212  | 2333     | 0.02   | ng    | -0.01    |
| 29) Terphenyl-d14              | 19.78 | 244  | 5401     | 0.25   | ng    | -0.02    |
| Target Compounds               |       |      |          |        |       | Qvalue   |
| 9) Naphthalene                 | 10.58 | 128  | 15706    | 0.605  | ng    | 99       |
| 12) 2-Methylnaphthalene        | 12.21 | 142  | 4111     | 0.963  | ng    | 95       |
| 16) Acenaphthylene             | 14.13 | 152  | 30183    | 2.853  | ng    | 98       |
| 17) Acenaphthene               | 14.47 | 154  | 3626     | 0.613  | ng    | 97       |
| 18) Fluorene                   | 15.45 | 166  | 12324    | 1.399  | ng    | # 84     |
| 22) Pentachlorophenol          | 16.80 | 266  | 59       | 0.282  | ng    | 97       |
| 23) Phenanthrene               | 17.19 | 178  | 291000   | 17.255 | ng    | 99       |
| 24) Anthracene                 | 17.28 | 178  | 21347    | 1.501  | ng    | 99       |
| 26) Fluoranthene               | 19.22 | 202  | 395888   | 14.623 | ng    | 98       |
| 28) Pyrene                     | 19.58 | 202  | 614122   | 22.212 | ng    | 96       |
| 30) Benzo(a)anthracene         | 21.32 | 228  | 276194   | 8.631  | ng    | 96       |
| 31) Chrysene                   | 21.38 | 228  | 369815   | 9.946  | ng    | 96       |
| 32) Bis(2-ethylhexyl)phthalate | 21.24 | 149  | 18399    | 0.609  | ng    | 98       |
| 33) Indeno(1,2,3-cd)pyrene     | 26.47 | 276  | 142115   | 3.397  | ng    | # 96     |
| 35) Benzo(b)fluoranthene       | 23.06 | 252  | 269750   | 7.334  | ng    | # 98     |
| 36) Benzo(k)fluoranthene       | 23.11 | 252  | 92119m   | 2.202  | ng    |          |
| 37) Benzo(a)pyrene             | 23.72 | 252  | 223800m  | 6.304  | ng    |          |
| 38) Dibenzo(a,h)anthracene     | 26.48 | 278  | 42262    | 1.161  | ng    | # 91     |
| 39) Benzo(g,h,i)perylene       | 27.28 | 276  | 166741   | 4.409  | ng    | # 95     |

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

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