

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\  
 Data File : BP000698.D  
 Acq On : 13 Oct 2019 03:40  
 Operator : JU  
 Sample : K5348-07  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 20190831-COMPOSITE-G

Manual Integrations  
 APPROVED

mohammad  
 10/16/2019 8:08:50 AM

Quant Time: Oct 14 07:23:47 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 01 18:03:42 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.75  | 152  | 246535   | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8             | 8.03  | 136  | 867875   | 20.00  | ng    | -0.02    |
| 39) Acenaphthene-d10           | 9.80  | 164  | 466417   | 20.00  | ng    | -0.02    |
| 64) Phenanthrene-d10           | 11.29 | 188  | 818473   | 20.00  | ng    | -0.02    |
| 76) Chrysene-d12               | 13.97 | 240  | 647103   | 20.00  | ng    | -0.01    |
| 87) Perylene-d12               | 15.45 | 264  | 747274   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.38  | 112  | 438978   | 28.62  | ng    | -0.02    |
| 7) Phenol-d6                   | 6.39  | 99   | 1570721  | 84.99  | ng    | -0.02    |
| 23) Nitrobenzene-d5            | 7.31  | 82   | 974265   | 68.56  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol       | 10.59 | 330  | 47345    | 9.53   | ng    | -0.02    |
| 45) 2-Fluorobiphenyl           | 9.12  | 172  | 1690799  | 58.65  | ng    | -0.02    |
| 79) Terphenyl-d14              | 12.90 | 244  | 1745262  | 54.61  | ng    | -0.02    |
| Target Compounds               |       |      |          |        |       | Qvalue   |
| 9) Benzaldehyde                | 6.29  | 77   | 38870    | 4.038  | ng    | 98       |
| 10) Phenol                     | 6.40  | 94   | 94412    | 4.989  | ng    | 92       |
| 50) Dimethylphthalate          | 9.51  | 163  | 384490   | 11.864 | ng    | 99       |
| 71) Phenanthrene               | 11.32 | 178  | 118431   | 2.881  | ng    | 99       |
| 75) Fluoranthene               | 12.52 | 202  | 379795   | 8.227  | ng    | 99       |
| 78) Pyrene                     | 12.75 | 202  | 392385   | 8.792  | ng    | 99       |
| 81) Benzo(a)anthracene         | 13.96 | 228  | 213707   | 5.413  | ng    | # 80     |
| 83) Chrysene                   | 13.99 | 228  | 217970   | 5.625  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 13.96 | 149  | 161687   | 6.610  | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.91 | 276  | 147654   | 3.050  | ng    | 96       |
| 88) Benzo(b)fluoranthene       | 15.02 | 252  | 320721m  | 7.565  | ng    |          |
| 89) Benzo(k)fluoranthene       | 15.04 | 252  | 97629m   | 2.419  | ng    |          |
| 90) Benzo(a)pyrene             | 15.38 | 252  | 254473   | 6.439  | ng    | # 93     |
| 92) Benzo(a,h,i)perylene       | 17.35 | 276  | 149590   | 3.841  | ng    | 98       |

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

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