

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\  
 Data File : BP001646.D  
 Acq On : 17 Jan 2020 01:26  
 Operator : JU  
 Sample : L1016-05 2X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SU-03-011520

Manual Integrations  
 APPROVED

mohammad  
 1/17/2020 2:08:54 PM

Quant Time: Jan 17 06:19:10 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 14 21:52:04 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.63  | 152  | 41131    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.41 | 136  | 155842   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.28 | 164  | 96758    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.05 | 188  | 202098   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.15 | 240  | 169615   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 23.39 | 264  | 182542   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.26  | 112  | 91882    | 43.76  | ng    | 0.00     |
| 7) Phenol-d6                | 6.83  | 99   | 142035   | 42.33  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.78  | 82   | 100248   | 28.11  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.79 | 330  | 47294    | 32.11  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.90 | 172  | 189056   | 28.73  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.63 | 244  | 248952   | 26.85  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 37) 2-Methylnaphthalene     | 12.08 | 142  | 15509    | 2.366  | ng    | 95       |
| 49) Acenaphthylene          | 14.00 | 152  | 28329    | 3.188  | ng    | # 97     |
| 52) Acenaphthene            | 14.35 | 154  | 12061    | 2.191  | ng    | 94       |
| 58) Fluorene                | 15.34 | 166  | 33976m   | 4.511  | ng    |          |
| 71) Phenanthrene            | 17.09 | 178  | 444754   | 40.466 | ng    | 99       |
| 72) Anthracene              | 17.18 | 178  | 107247   | 10.024 | ng    | 97       |
| 73) Carbazole               | 17.45 | 167  | 28193    | 2.807  | ng    | # 88     |
| 75) Fluoranthene            | 19.07 | 202  | 468569   | 32.400 | ng    | 98       |
| 78) Pyrene                  | 19.43 | 202  | 428044   | 34.354 | ng    | 99       |
| 81) Benzo(a)anthracene      | 21.13 | 228  | 193352   | 16.368 | ng    | 96       |
| 83) Chrysene                | 21.19 | 228  | 168724   | 14.656 | ng    | 96       |
| 86) Indeno(1,2,3-cd)pyrene  | 25.64 | 276  | 79636    | 5.910  | ng    | 99       |
| 88) Benzo(b)fluoranthene    | 22.72 | 252  | 182073m  | 15.828 | ng    |          |
| 89) Benzo(k)fluoranthene    | 22.76 | 252  | 68516m   | 6.109  | ng    |          |
| 90) Benzo(a)pyrene          | 23.29 | 252  | 132964   | 12.174 | ng    | # 93     |
| 92) Benzo(g,h,i)perylene    | 26.33 | 276  | 75588    | 6.748  | ng    | 97       |

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

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