

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\  
 Data File : BP000902.D  
 Acq On : 19 Oct 2019 01:53  
 Operator : JU  
 Sample : K5436-01  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 3425-28

Manual Integrations  
 APPROVED

mohammad  
 10/22/2019 1:39:53 AM

Quant Time: Oct 19 06:36:17 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 18 16:40:44 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.74  | 152  | 152181   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.02  | 136  | 545674   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.79  | 164  | 301024   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.29 | 188  | 553556   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.96 | 240  | 475166   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 15.44 | 264  | 565520   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.37  | 112  | 837841   | 88.50  | ng    | 0.00     |
| 7) Phenol-d6                | 6.39  | 99   | 1044128  | 91.52  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.30  | 82   | 571859   | 64.01  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.59 | 330  | 327686   | 102.15 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.10  | 172  | 1266331  | 68.06  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.89 | 244  | 1450562  | 61.81  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 10) Phenol                  | 6.40  | 94   | 27870    | 2.386  | ng    | 89       |
| 31) Naphthalene             | 8.05  | 128  | 165529   | 6.495  | ng    | 100      |
| 37) 2-Methylnaphthalene     | 8.74  | 142  | 74278    | 4.342  | ng    | 99       |
| 38) 1-Methylnaphthalene     | 8.84  | 142  | 52028    | 3.219  | ng    | 98       |
| 49) Acenaphthylene          | 9.65  | 152  | 124662   | 4.703  | ng    | 98       |
| 50) Dimethylphthalate       | 9.50  | 163  | 250309   | 11.967 | ng    | 100      |
| 52) Acenaphthene            | 9.82  | 154  | 99373    | 6.180  | ng    | 100      |
| 55) Dibenzofuran            | 9.99  | 168  | 179002   | 7.447  | ng    | 98       |
| 58) Fluorene                | 10.34 | 166  | 230747   | 13.469 | ng    | 99       |
| 71) Phenanthrene            | 11.32 | 178  | 2113388  | 76.019 | ng    | 99       |
| 72) Anthracene              | 11.36 | 178  | 480077   | 17.416 | ng    | 100      |
| 73) Carbazole               | 11.52 | 167  | 212397   | 8.312  | ng    | 100      |
| 75) Fluoranthene            | 12.52 | 202  | 2400873  | 76.893 | ng    | 98       |
| 78) Pyrene                  | 12.75 | 202  | 2053269  | 62.653 | ng    | 99       |
| 81) Benzo(a)anthracene      | 13.96 | 228  | 1132796  | 39.073 | ng    | 98       |
| 83) Chrysene                | 13.99 | 228  | 1040276  | 36.558 | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene  | 16.91 | 276  | 496061   | 13.956 | ng    | 95       |
| 88) Benzo(b)fluoranthene    | 15.02 | 252  | 1321085m | 41.177 | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.04 | 252  | 414469m  | 13.569 | ng    |          |
| 90) Benzo(a)pyrene          | 15.38 | 252  | 896145   | 29.964 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene  | 16.92 | 278  | 144631   | 4.986  | ng    | 94       |
| 92) Benzo(g,h,i)perylene    | 17.36 | 276  | 442558   | 15.015 | ng    | 98       |

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

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