

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101619\  
 Data File : BN008195.D  
 Acq On : 16 Oct 2019 13:05  
 Operator : JU  
 Sample : K5175-18  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BEP90

Manual Integrations  
 APPROVED

mohammad  
 10/18/2019 9:13:17 AM

Quant Time: Oct 16 18:04:12 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 16 17:43:36 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.61  | 152  | 2683     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.37 | 136  | 13362    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.24 | 164  | 8624     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.99 | 188  | 19699m   | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.19 | 240  | 17312    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.38 | 264  | 14651    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.97 | 152  | 5244     | 0.23   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.02 | 212  | 16624    | 0.24   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.42 | 128  | 5396     | 0.142  | ng/ul  | 98       |
| 5) 2-Methylnaphthalene      | 12.04 | 142  | 2784     | 0.107  | ng/ul  | 100      |
| 7) Acenaphthylene           | 13.96 | 152  | 14283    | 0.348  | ng/ul  | 99       |
| 8) Acenaphthene             | 14.31 | 153  | 6270     | 0.196  | ng/ul  | 99       |
| 9) Fluorene                 | 15.30 | 166  | 9115     | 0.251  | ng/ul  | 97       |
| 11) Pentachlorophenol       | 16.65 | 266  | 336      | 0.071  | ng/ul  | 92       |
| 12) Phenanthrene            | 17.03 | 178  | 202655   | 3.514  | ng/ul  | 99       |
| 13) Anthracene              | 17.12 | 178  | 35919    | 0.708  | ng/ul  | 99       |
| 15) Fluoranthene            | 19.06 | 202  | 517141   | 6.789  | ng/ul  | 99       |
| 17) Pyrene                  | 19.42 | 202  | 501474   | 7.275  | ng/ul  | 98       |
| 18) Benzo(a)anthracene      | 21.17 | 228  | 281905   | 4.479  | ng/ul  | 98       |
| 19) Chrysene                | 21.23 | 228  | 300941   | 3.896  | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 22.73 | 252  | 311197m  | 6.525  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.77 | 252  | 113531m  | 2.101  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.28 | 252  | 213405   | 4.252  | ng/ul# | 86       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.54 | 276  | 121081   | 2.048  | ng/ul  | 98       |
| 25) Dibenzo(a,h)anthracene  | 25.54 | 278  | 31829    | 0.681  | ng/ul  | 97       |
| 26) Benzo(g,h,i)perylene    | 26.20 | 276  | 103189   | 1.904  | ng/ul  | 99       |

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

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