

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101619\  
 Data File : BN008198.D  
 Acq On : 16 Oct 2019 14:53  
 Operator : JU  
 Sample : K5175-21  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BEPG5

Manual Integrations  
 APPROVED

mohammad  
 10/18/2019 9:13:27 AM

Quant Time: Oct 16 18:13:06 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  | 2949     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.37 | 136  | 14539    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.24 | 164  | 9240     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.99 | 188  | 20561m   | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.19 | 240  | 18610    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.37 | 264  | 15723    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.97 | 152  | 6706     | 0.27   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.02 | 212  | 19642    | 0.28   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.42 | 128  | 6792     | 0.164  | ng/ul  | 99       |
| 5) 2-Methylnaphthalene      | 12.04 | 142  | 4599     | 0.162  | ng/ul  | 99       |
| 7) Acenaphthylene           | 13.96 | 152  | 3070     | 0.070  | ng/ul# | 92       |
| 8) Acenaphthene             | 14.31 | 153  | 13404    | 0.392  | ng/ul  | 99       |
| 9) Fluorene                 | 15.30 | 166  | 25842    | 0.665  | ng/ul  | 98       |
| 12) Phenanthrene            | 17.03 | 178  | 460314   | 7.647  | ng/ul  | 99       |
| 13) Anthracene              | 17.12 | 178  | 139161   | 2.627  | ng/ul  | 98       |
| 15) Fluoranthene            | 19.06 | 202  | 600207   | 7.549  | ng/ul  | 99       |
| 17) Pyrene                  | 19.42 | 202  | 484901   | 6.544  | ng/ul  | 99       |
| 18) Benzo(a)anthracene      | 21.18 | 228  | 367574   | 5.433  | ng/ul  | 99       |
| 19) Chrysene                | 21.23 | 228  | 292150   | 3.518  | ng/ul  | 97       |
| 21) Benzo(b)fluoranthene    | 22.73 | 252  | 281919m  | 5.508  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.77 | 252  | 108445m  | 1.870  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.28 | 252  | 190416   | 3.535  | ng/ul# | 85       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.54 | 276  | 79866    | 1.259  | ng/ul  | 100      |
| 25) Dibenzo(a,h)anthracene  | 25.54 | 278  | 27428    | 0.547  | ng/ul  | 95       |
| 26) Benzo(a,h,i)perylene    | 26.20 | 276  | 55219    | 0.949  | ng/ul  | 99       |

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

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