

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\  
 Data File : BN008293.D  
 Acq On : 21 Oct 2019 21:14  
 Operator : JU  
 Sample : K5199-16  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BEPG8

Manual Integrations  
 APPROVED

mohammad  
 10/22/2019 3:27:51 PM

Quant Time: Oct 22 00:37:50 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 : Mon Oct 21 23:58:15 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.59  | 152  | 1854     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.35 | 136  | 8595     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.22 | 164  | 5412     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.97 | 188  | 12105m   | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.18 | 240  | 11561    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.35 | 264  | 9972     | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.95 | 152  | 4628     | 0.32   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.00 | 212  | 14690    | 0.35   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.40 | 128  | 11476    | 0.469  | ng/ul  | 100      |
| 5) 2-Methylnaphthalene      | 12.02 | 142  | 5915     | 0.352  | ng/ul  | 99       |
| 7) Acenaphthylene           | 13.94 | 152  | 30681    | 1.190  | ng/ul  | 99       |
| 8) Acenaphthene             | 14.28 | 153  | 15596    | 0.778  | ng/ul  | 98       |
| 9) Fluorene                 | 15.28 | 166  | 20107    | 0.883  | ng/ul  | 98       |
| 11) Pentachlorophenol       | 16.63 | 266  | 115      | 0.039  | ng/ul  | 93       |
| 12) Phenanthrene            | 17.01 | 178  | 469212   | 13.239 | ng/ul  | 99       |
| 13) Anthracene              | 17.10 | 178  | 93569    | 3.000  | ng/ul  | 99       |
| 15) Fluoranthene            | 19.04 | 202  | 1231570  | 26.311 | ng/ul  | 99       |
| 17) Pyrene                  | 19.40 | 202  | 1258818  | 27.346 | ng/ul  | 98       |
| 18) Benzo(a)anthracene      | 21.16 | 228  | 750157   | 17.847 | ng/ul  | 97       |
| 19) Chrysene                | 21.22 | 228  | 804691   | 15.600 | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 22.71 | 252  | 838147m  | 25.819 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.75 | 252  | 288856m  | 7.855  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.26 | 252  | 605381   | 17.722 | ng/ul# | 84       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.51 | 276  | 332004   | 8.252  | ng/ul  | 99       |
| 25) Dibenzo(a,h)anthracene  | 25.51 | 278  | 91049    | 2.863  | ng/ul  | 98       |
| 26) Benzo(g,h,i)perylene    | 26.17 | 276  | 285404   | 7.736  | ng/ul  | 99       |

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

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