

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121319\  
 Data File : BN008967.D  
 Acq On : 13 Dec 2019 14:38  
 Operator : JU  
 Sample : K6089-11DL 5X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0BQ9DL

Manual Integrations  
 APPROVED

mohammad  
 12/16/2019 12:23:23 PM

Quant Time: Dec 13 15:21:52 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 12 00:49:42 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.56  | 152  | 2788     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.31 | 136  | 11657    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.18 | 164  | 7444     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.92 | 188  | 16604    | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.13 | 240  | 13959    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.27 | 264  | 13265    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.91 | 152  | 816      | 0.04   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 18.96 | 212  | 2180     | 0.04   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.36 | 128  | 3947     | 0.112  | ng/ul  | 96       |
| 5) 2-Methylnaphthalene      | 11.98 | 142  | 4052     | 0.165  | ng/ul  | 99       |
| 7) Acenaphthylene           | 13.90 | 152  | 2849     | 0.069  | ng/ul# | 93       |
| 9) Fluorene                 | 15.24 | 166  | 1221     | 0.034  | ng/ul# | 88       |
| 12) Phenanthrene            | 16.97 | 178  | 30566    | 0.546  | ng/ul  | 100      |
| 13) Anthracene              | 17.06 | 178  | 4656m    | 0.088  | ng/ul  |          |
| 15) Fluoranthene            | 18.99 | 202  | 67296    | 0.978  | ng/ul  | 100      |
| 17) Pyrene                  | 19.35 | 202  | 59165    | 1.056  | ng/ul  | 99       |
| 18) Benzo(a)anthracene      | 21.12 | 228  | 27934    | 0.498  | ng/ul  | 97       |
| 19) Chrysene                | 21.17 | 228  | 31612    | 0.573  | ng/ul  | 97       |
| 21) Benzo(b)fluoranthene    | 22.64 | 252  | 35057m   | 0.641  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.68 | 252  | 12822m   | 0.236  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.18 | 252  | 24211    | 0.472  | ng/ul  | 98       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.38 | 276  | 15150    | 0.252  | ng/ul# | 92       |
| 25) Dibenzo(a,h)anthracene  | 25.39 | 278  | 4018     | 0.083  | ng/ul# | 77       |
| 26) Benzo(a,h,i)perylene    | 26.02 | 276  | 15241    | 0.303  | ng/ul  | 99       |

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

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