

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\  
 Data File : BN012919.D  
 Acq On : 06 Dec 2020 16:05  
 Operator : CG/JU  
 Sample : L4859-03  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0B93

Manual Integrations  
 APPROVED

mohammad  
 12/7/2020 2:11:39 PM

Quant Time: Dec 07 03:22:16 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 07 03:06:53 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.39  | 152  | 1768     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.15 | 136  | 7376     | 0.40  | ng/ul  | -0.01    |
| 6) Acenaphthene-d10         | 14.06 | 164  | 4260     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.81 | 188  | 9333     | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.03 | 240  | 7723     | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.14 | 264  | 7175     | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.76 | 152  | 1624     | 0.15  | ng/ul  | -0.02    |
| 14) Fluoranthene-d10        | 18.86 | 212  | 3900     | 0.15  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       | Ovalue |          |
| 3) Naphthalene              | 10.20 | 128  | 1042     | 0.049 | ng/ul  | 96       |
| 5) 2-Methylnaphthalene      | 11.84 | 142  | 652      | 0.047 | ng/ul  | 99       |
| 7) Acenaphthylene           | 13.77 | 152  | 1370     | 0.068 | ng/ul  | 96       |
| 8) Acenaphthene             | 14.12 | 153  | 635      | 0.038 | ng/ul  | 95       |
| 9) Fluorene                 | 15.12 | 166  | 769      | 0.041 | ng/ul# | 96       |
| 12) Phenanthrene            | 16.85 | 178  | 24014    | 0.767 | ng/ul  | 97       |
| 13) Anthracene              | 16.95 | 178  | 3823     | 0.144 | ng/ul  | 98       |
| 15) Fluoranthene            | 18.88 | 202  | 68657    | 1.846 | ng/ul  | 99       |
| 17) Pyrene                  | 19.25 | 202  | 60874    | 1.669 | ng/ul  | 98       |
| 18) Benzo(a)anthracene      | 21.02 | 228  | 29483    | 0.923 | ng/ul  | 98       |
| 19) Chrysene                | 21.07 | 228  | 34843    | 0.987 | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 22.52 | 252  | 47044m   | 1.417 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.56 | 252  | 17231m   | 0.470 | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.04 | 252  | 28555    | 0.927 | ng/ul# | 86       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.19 | 276  | 19181    | 0.474 | ng/ul# | 98       |
| 25) Dibenzo(a,h)anthracene  | 25.20 | 278  | 4670     | 0.146 | ng/ul# | 95       |
| 26) Benzo(a,h,i)perylene    | 25.82 | 276  | 17081    | 0.467 | ng/ul  | 97       |

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

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