

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120220\  
 Data File : BN012803.D  
 Acq On : 02 Dec 2020 04:29  
 Operator : CG/JU  
 Sample : L4793-17  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0B48

Manual Integrations  
 APPROVED

mohammad  
 12/2/2020 2:28:28 PM

Quant Time: Dec 02 05:20:34 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 02 05:08:42 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.42  | 152  | 954      | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.18 | 136  | 3910     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.08 | 164  | 2299     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.83 | 188  | 4926     | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.05 | 240  | 4241     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.15 | 264  | 4353     | 0.40   | ng/ul  | -0.01    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.79 | 152  | 625      | 0.11   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 18.87 | 212  | 1562     | 0.12   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.23 | 128  | 268      | 0.023  | ng/ul# | 54       |
| 7) Acenaphthylene           | 13.79 | 152  | 319      | 0.028  | ng/ul# | 63       |
| 8) Acenaphthene             | 14.14 | 153  | 366      | 0.039  | ng/ul  | 94       |
| 9) Fluorene                 | 15.14 | 166  | 458      | 0.044  | ng/ul# | 95       |
| 12) Phenanthrene            | 16.87 | 178  | 14655    | 0.855  | ng/ul  | 97       |
| 13) Anthracene              | 16.97 | 178  | 2603     | 0.175  | ng/ul  | 99       |
| 15) Fluoranthene            | 18.90 | 202  | 32216    | 1.628  | ng/ul  | 98       |
| 17) Pyrene                  | 19.27 | 202  | 29368    | 1.548  | ng/ul  | 99       |
| 18) Benzo(a)anthracene      | 21.03 | 228  | 13068    | 0.860  | ng/ul  | 98       |
| 19) Chrysene                | 21.08 | 228  | 15461    | 0.814  | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 22.54 | 252  | 21571m   | 1.077  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.57 | 252  | 7089m    | 0.307  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.06 | 252  | 13428    | 0.712  | ng/ul# | 84       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.22 | 276  | 9815     | 0.398  | ng/ul# | 56       |
| 25) Dibenzo(a,h)anthracene  | 25.23 | 278  | 2308     | 0.117  | ng/ul# | 84       |
| 26) Benzo(a,h,i)perylene    | 25.86 | 276  | 9383     | 0.423  | ng/ul  | 98       |

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

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