

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\  
 Data File : BN011709.D  
 Acq On : 04 Sep 2020 19:20  
 Operator : CG/JU  
 Sample : L3840-04  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AA6

Manual Integrations  
 APPROVED

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 9/8/2020 1:47:02 PM

Quant Time: Sep 05 01:51:28 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 05 01:37:48 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.74  | 152  | 2542     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.52 | 136  | 9981     | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.38 | 164  | 5766     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.13 | 188  | 12143m   | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.32 | 240  | 10534    | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.57 | 264  | 10472    | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.12 | 152  | 3019     | 0.21  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.15 | 212  | 7198     | 0.21  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       | Ovalue |          |
| 3) Naphthalene              | 10.57 | 128  | 1159     | 0.040 | ng/ul# | 89       |
| 7) Acenaphthylene           | 14.10 | 152  | 2800     | 0.096 | ng/ul  | 98       |
| 12) Phenanthrene            | 17.16 | 178  | 1752     | 0.043 | ng/ul  | 96       |
| 13) Anthracene              | 17.26 | 178  | 2432m    | 0.072 | ng/ul  |          |
| 15) Fluoranthene            | 19.19 | 202  | 6169     | 0.131 | ng/ul  | 96       |
| 17) Pyrene                  | 19.55 | 202  | 11767m   | 0.286 | ng/ul  |          |
| 18) Benzo(a)anthracene      | 21.30 | 228  | 8119     | 0.230 | ng/ul  | 95       |
| 19) Chrysene                | 21.36 | 228  | 14901    | 0.313 | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 22.90 | 252  | 32894m   | 0.723 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.94 | 252  | 13453m   | 0.267 | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.47 | 252  | 20815    | 0.544 | ng/ul  | 94       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.84 | 276  | 12958    | 0.251 | ng/ul# | 99       |
| 25) Dibenzo(a,h)anthracene  | 25.84 | 278  | 3910     | 0.093 | ng/ul# | 84       |
| 26) Benzo(g,h,i)perylene    | 26.53 | 276  | 10997    | 0.227 | ng/ul  | 96       |

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

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