

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121919\  
 Data File : BN009064.D  
 Acq On : 20 Dec 2019 12:42  
 Operator : JU  
 Sample : K6171-19  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0BZ9

Manual Integrations  
 APPROVED

mohammad  
 12/23/2019 8:02:18 AM

Quant Time: Dec 20 15:29:17 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 19 15:54:16 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.54  | 152  | 3505     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.29 | 136  | 13576    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.17 | 164  | 7503     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.91 | 188  | 15717    | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.12 | 240  | 9421     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.26 | 264  | 7912     | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.89 | 152  | 3620     | 0.15   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 18.95 | 212  | 8224     | 0.18   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.34 | 128  | 2233     | 0.054  | ng/ul# | 92       |
| 5) 2-Methylnaphthalene      | 11.96 | 142  | 1614     | 0.052  | ng/ul  | 99       |
| 7) Acenaphthylene           | 13.88 | 152  | 3720     | 0.094  | ng/ul  | 94       |
| 8) Acenaphthene             | 14.23 | 153  | 2579     | 0.083  | ng/ul  | 98       |
| 9) Fluorene                 | 15.22 | 166  | 4141     | 0.113  | ng/ul  | 99       |
| 12) Phenanthrene            | 16.95 | 178  | 121087   | 2.215  | ng/ul  | 100      |
| 13) Anthracene              | 17.05 | 178  | 15130    | 0.309  | ng/ul  | 99       |
| 15) Fluoranthene            | 18.98 | 202  | 319012   | 5.103  | ng/ul  | 98       |
| 17) Pyrene                  | 19.34 | 202  | 245548   | 5.109  | ng/ul  | 99       |
| 18) Benzo(a)anthracene      | 21.10 | 228  | 94898    | 2.268  | ng/ul  | 98       |
| 19) Chrysene                | 21.15 | 228  | 111147   | 2.644  | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 22.63 | 252  | 134124m  | 3.630  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.66 | 252  | 45942m   | 1.233  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.16 | 252  | 77820    | 2.404  | ng/ul  | 96       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.36 | 276  | 61187    | 1.735  | ng/ul  | 91       |
| 25) Dibenzo(a,h)anthracene  | 25.36 | 278  | 13263    | 0.473  | ng/ul# | 90       |
| 26) Benzo(a,h,i)perylene    | 25.99 | 276  | 61105    | 2.057  | ng/ul  | 98       |

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

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