

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\  
 Data File : BN009249.D  
 Acq On : 29 Dec 2019 03:40  
 Operator : JU  
 Sample : K6278-15DL 5X  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0C68DL

Manual Integrations  
 APPROVED

mohammad  
 12/29/2019 5:33:45 PM

Quant Time: Dec 29 06:05:38 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 : Sun Dec 29 04:38:59 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.51  | 152  | 2683     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.26 | 136  | 9679     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.14 | 164  | 5026     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.89 | 188  | 10206    | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.08 | 240  | 8005     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.21 | 264  | 8295     | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.86 | 152  | 654      | 0.04   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 18.92 | 212  | 1282     | 0.04   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.31 | 128  | 983      | 0.033  | ng/ul# | 82       |
| 5) 2-Methylnaphthalene      | 11.94 | 142  | 531      | 0.024  | ng/ul  | 100      |
| 7) Acenaphthylene           | 13.85 | 152  | 1062     | 0.040  | ng/ul# | 86       |
| 12) Phenanthrene            | 16.93 | 178  | 4093     | 0.115  | ng/ul  | 97       |
| 13) Anthracene              | 17.02 | 178  | 1167     | 0.037  | ng/ul# | 87       |
| 15) Fluoranthene            | 18.95 | 202  | 8176     | 0.201  | ng/ul  | 96       |
| 17) Pyrene                  | 19.31 | 202  | 7068     | 0.173  | ng/ul  | 95       |
| 18) Benzo(a)anthracene      | 21.07 | 228  | 3751     | 0.106  | ng/ul# | 90       |
| 19) Chrysene                | 21.12 | 228  | 3696     | 0.103  | ng/ul# | 93       |
| 21) Benzo(b)fluoranthene    | 22.59 | 252  | 5000m    | 0.129  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.62 | 252  | 1759m    | 0.045  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.12 | 252  | 3127     | 0.092  | ng/ul# | 62       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.30 | 276  | 2234     | 0.060  | ng/ul# | 88       |
| 26) Benzo(g,h,i)perylene    | 25.93 | 276  | 2267     | 0.073  | ng/ul# | 81       |

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

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