

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121619\  
 Data File : BN009001.D  
 Acq On : 16 Dec 2019 16:43  
 Operator : JU  
 Sample : K6089-05DL 2X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0BQ3DL

Manual Integrations  
 APPROVED

mohammad  
 12/17/2019 5:34:51 AM

Quant Time: Dec 16 17:16:58 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 : Mon Dec 16 15:27:44 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.55  | 152  | 2510     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.31 | 136  | 11294    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.18 | 164  | 7191     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.92 | 188  | 15909    | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.13 | 240  | 12698    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.27 | 264  | 11257    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.90 | 152  | 2465     | 0.12   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 18.96 | 212  | 7470     | 0.16   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.35 | 128  | 11714    | 0.342  | ng/ul  | 99       |
| 5) 2-Methylnaphthalene      | 11.97 | 142  | 13077    | 0.505  | ng/ul  | 100      |
| 7) Acenaphthylene           | 13.89 | 152  | 4722     | 0.125  | ng/ul# | 92       |
| 9) Fluorene                 | 15.23 | 166  | 1867     | 0.053  | ng/ul# | 74       |
| 12) Phenanthrene            | 16.96 | 178  | 55286    | 0.999  | ng/ul  | 100      |
| 13) Anthracene              | 17.06 | 178  | 3593     | 0.072  | ng/ul# | 91       |
| 15) Fluoranthene            | 18.99 | 202  | 59137    | 0.935  | ng/ul  | 96       |
| 17) Pyrene                  | 19.35 | 202  | 49765    | 0.768  | ng/ul  | 99       |
| 18) Benzo(a)anthracene      | 21.11 | 228  | 26585    | 0.471  | ng/ul# | 92       |
| 19) Chrysene                | 21.16 | 228  | 48185    | 0.850  | ng/ul# | 95       |
| 21) Benzo(b)fluoranthene    | 22.64 | 252  | 44846m   | 0.853  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.68 | 252  | 13576m   | 0.256  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.18 | 252  | 25054    | 0.544  | ng/ul  | 95       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.37 | 276  | 18218    | 0.363  | ng/ul# | 96       |
| 25) Dibenzo(a,h)anthracene  | 25.38 | 278  | 6469     | 0.162  | ng/ul# | 67       |
| 26) Benzo(a,h,i)perylene    | 26.02 | 276  | 21636    | 0.512  | ng/ul  | 96       |

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

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