

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\  
 Data File : BM022624.D  
 Acq On : 10 Sep 2019 17:44  
 Operator : HP/JU  
 Sample : K4708-01DL 5X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CB5P8DL

Manual Integrations  
 APPROVED

mohammad  
 9/11/2019 8:21:27 AM

Quant Time: Sep 10 18:18:28 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 10 15:06:45 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.85  | 152  | 17336    | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.64 | 136  | 72549    | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.48 | 164  | 38672    | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.22 | 188  | 87574    | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.39 | 240  | 68683    | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.67 | 264  | 58604    | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.23 | 152  | 7508     | 0.06  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.24 | 212  | 16785    | 0.07  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       | Ovalue |          |
| 3) Naphthalene              | 10.69 | 128  | 22176    | 0.107 | ng/ul  | 98       |
| 5) 2-Methylnaphthalene      | 12.31 | 142  | 8668     | 0.061 | ng/ul  | 100      |
| 7) Acenaphthylene           | 14.20 | 152  | 10970    | 0.061 | ng/ul# | 95       |
| 8) Acenaphthene             | 14.54 | 153  | 40984    | 0.273 | ng/ul  | 99       |
| 9) Fluorene                 | 15.53 | 166  | 45286    | 0.264 | ng/ul  | 99       |
| 12) Phenanthrene            | 17.25 | 178  | 1033374  | 3.704 | ng/ul  | 100      |
| 13) Anthracene              | 17.35 | 178  | 172944   | 0.723 | ng/ul  | 100      |
| 15) Fluoranthene            | 19.27 | 202  | 1524812  | 5.064 | ng/ul  | 100      |
| 17) Pyrene                  | 19.63 | 202  | 1376757  | 4.422 | ng/ul  | 99       |
| 18) Benzo(a)anthracene      | 21.37 | 228  | 724311   | 2.756 | ng/ul  | 99       |
| 19) Chrysene                | 21.42 | 228  | 712756   | 2.577 | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 22.99 | 252  | 772357m  | 3.033 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 23.03 | 252  | 253007m  | 0.974 | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.57 | 252  | 488663   | 2.193 | ng/ul# | 90       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.99 | 276  | 271350   | 0.998 | ng/ul# | 91       |
| 25) Dibenzo(a,h)anthracene  | 26.00 | 278  | 77272    | 0.352 | ng/ul  | 98       |
| 26) Benzo(a,h,i)perylene    | 26.70 | 276  | 209771   | 0.969 | ng/ul  | 99       |

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

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