

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081519\  
 Data File : BM022181.D  
 Acq On : 16 Aug 2019 21:53  
 Operator : HP/JU  
 Sample : K4183-14DL 5X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AF4DL

Manual Integrations  
 APPROVED

mohammad  
 8/19/2019 5:32:31 PM

Quant Time: Aug 17 05:15:28 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Aug 17 04:19:12 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.60  | 152  | 851      | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.38 | 136  | 3697     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.25 | 164  | 2234     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.01 | 188  | 5203     | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.22 | 240  | 5218     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.42 | 264  | 6040     | 0.40   | ng/ul  | -0.01    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.01 | 152  | 192      | 0.03   | ng/ul  | 0.03     |
| 14) Fluoranthene-d10        | 19.05 | 212  | 526      | 0.03   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 7) Acenaphthylene           | 13.98 | 152  | 414      | 0.040  | ng/ul# | 59       |
| 8) Acenaphthene             | 14.32 | 153  | 1080     | 0.127  | ng/ul  | 98       |
| 9) Fluorene                 | 15.32 | 166  | 986      | 0.104  | ng/ul# | 97       |
| 12) Phenanthrene            | 17.05 | 178  | 16623    | 1.098  | ng/ul  | 98       |
| 13) Anthracene              | 17.15 | 178  | 3353     | 0.260  | ng/ul  | 98       |
| 15) Fluoranthene            | 19.08 | 202  | 43756    | 2.158  | ng/ul  | 96       |
| 17) Pyrene                  | 19.44 | 202  | 40428    | 1.885  | ng/ul  | 98       |
| 18) Benzo(a)anthracene      | 21.20 | 228  | 20274    | 1.086  | ng/ul  | 95       |
| 19) Chrysene                | 21.25 | 228  | 24000m   | 1.000  | ng/ul  |          |
| 21) Benzo(b)fluoranthene    | 22.76 | 252  | 36965m   | 1.815  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.80 | 252  | 13748m   | 0.596  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.33 | 252  | 23828    | 1.150  | ng/ul# | 90       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.63 | 276  | 19719    | 0.797  | ng/ul# | 90       |
| 25) Dibenzo(a,h)anthracene  | 25.64 | 278  | 4953     | 0.248  | ng/ul# | 51       |
| 26) Benzo(g,h,i)perylene    | 26.32 | 276  | 18966    | 0.852  | ng/ul  | 95       |

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

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