

Data File : BM021885.D  
Acq On : 07 Aug 2019 08:03  
Operator : HP/JU  
Sample : K3893-14  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

Quant Time: Aug 07 08:59:16 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 : Wed Aug 07 08:28:11 2019  
Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.63  | 152  | 942      | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.40 | 136  | 3725     | 0.40   | ng/ul  | -0.02    |
| 6) Acenaphthene-d10         | 14.28 | 164  | 2209     | 0.40   | ng/ul  | -0.01    |
| 10) Phenanthrene-d10        | 17.03 | 188  | 5562m    | 0.40   | ng/ul  | -0.02    |
| 16) Chrysene-d12            | 21.24 | 240  | 5821m    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.46 | 264  | 6299m    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.00 | 152  | 1279     | 0.21   | ng/ul  | -0.03    |
| 14) Fluoranthene-d10        | 19.07 | 212  | 4310m    | 0.23   | ng/ul  | -0.01    |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) Naphthalene              | 10.46 | 128  | 8094     | 0.769  | ng/ul  | 94       |
| 5) 2-Methylnaphthalene      | 12.07 | 142  | 5499     | 0.784  | ng/ul  | 99       |
| 7) Acenaphthylene           | 14.00 | 152  | 24861    | 2.413  | ng/ul# | 81       |
| 8) Acenaphthene             | 14.34 | 153  | 3741     | 0.444  | ng/ul  | 97       |
| 9) Fluorene                 | 15.33 | 166  | 5498     | 0.587  | ng/ul  | 99       |
| 11) Pentachlorophenol       | 16.70 | 266  | 149m     | 0.145  | ng/ul  |          |
| 12) Phenanthrene            | 17.08 | 178  | 85487m   | 5.282  | ng/ul  |          |
| 13) Anthracene              | 17.17 | 178  | 28719m   | 2.080  | ng/ul  |          |
| 15) Fluoranthene            | 19.10 | 202  | 212223m  | 9.789  | ng/ul  |          |
| 17) Pyrene                  | 19.47 | 202  | 180169   | 7.532  | ng/ul  | 96       |
| 18) Benzo(a)anthracene      | 21.22 | 228  | 124925   | 6.000  | ng/ul  | 96       |
| 19) Chrysene                | 21.28 | 228  | 134150   | 5.010  | ng/ul  | 96       |
| 21) Benzo(b)fluoranthene    | 22.80 | 252  | 235629m  | 11.093 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.83 | 252  | 90951m   | 3.784  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.37 | 252  | 151705m  | 7.023  | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 25.68 | 276  | 145362m  | 5.636  | ng/ul  |          |
| 25) Dibenzo(a,h)anthracene  | 25.69 | 278  | 35566m   | 1.706  | ng/ul  |          |
| 26) Benzo(g,h,i)perylene    | 26.37 | 276  | 147880m  | 6.369  | ng/ul  |          |

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

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