

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM081219\  
 Data File : BM022129.D  
 Acq On : 15 Aug 2019 05:12  
 Operator : HP/JU  
 Sample : K4304-10  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CB5P1

Manual Integrations  
 APPROVED

mohammad  
 8/15/2019 5:10:09 PM

Quant Time: Aug 15 12:43:39 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 14 13:53:23 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.60  | 152  | 941      | 0.40   | ng/ul  | -0.02    |
| 2) Naphthalene-d8           | 10.37 | 136  | 3846     | 0.40   | ng/ul  | -0.04    |
| 6) Acenaphthene-d10         | 14.25 | 164  | 2318     | 0.40   | ng/ul  | -0.02    |
| 10) Phenanthrene-d10        | 17.01 | 188  | 4469m    | 0.40   | ng/ul  | -0.03    |
| 16) Chrysene-d12            | 21.21 | 240  | 4551m    | 0.40   | ng/ul  | -0.02    |
| 20) Perylene-d12            | 23.42 | 264  | 4589m    | 0.40   | ng/ul  | -0.02    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.97 | 152  | 2471     | 0.39   | ng/ul  | -0.04    |
| 14) Fluoranthene-d10        | 19.05 | 212  | 6322m    | 0.42   | ng/ul  | -0.02    |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) Naphthalene              | 10.42 | 128  | 77618    | 7.145  | ng/ul# | 91       |
| 5) 2-Methylnaphthalene      | 12.04 | 142  | 39193    | 5.415  | ng/ul  | 97       |
| 7) Acenaphthylene           | 13.97 | 152  | 45698    | 4.227  | ng/ul# | 81       |
| 8) Acenaphthene             | 14.31 | 153  | 54179    | 6.125  | ng/ul  | 96       |
| 9) Fluorene                 | 15.31 | 166  | 85991    | 8.753  | ng/ul  | 97       |
| 12) Phenanthrene            | 17.05 | 178  | 1157337m | 89.003 | ng/ul  |          |
| 13) Anthracene              | 17.14 | 178  | 152692m  | 13.766 | ng/ul  |          |
| 15) Fluoranthene            | 19.08 | 202  | 1459492m | 83.789 | ng/ul  |          |
| 17) Pyrene                  | 19.45 | 202  | 1278961  | 68.388 | ng/ul# | 94       |
| 18) Benzo(a)anthracene      | 21.20 | 228  | 600102m  | 36.864 | ng/ul  |          |
| 19) Chrysene                | 21.25 | 228  | 583791   | 27.885 | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 22.76 | 252  | 709447m  | 45.845 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.80 | 252  | 262419m  | 14.985 | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.33 | 252  | 515939   | 32.785 | ng/ul# | 73       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.62 | 276  | 316468   | 16.842 | ng/ul# | 92       |
| 25) Dibenzo(a,h)anthracene  | 25.63 | 278  | 88001m   | 5.794  | ng/ul  |          |
| 26) Benzo(g,h,i)perylene    | 26.30 | 276  | 267932   | 15.838 | ng/ul  | 94       |

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

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