

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080219\  
 Data File : BM021773.D  
 Acq On : 03 Aug 2019 04:08  
 Operator : HP/JU  
 Sample : MDL-W-04  
 Misc : 0.07PPM  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-W-04

Manual Integrations  
 APPROVED

mohammad  
 8/5/2019 8:35:04 AM

Quant Time: Aug 03 07:25:50 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Aug 03 05:33:59 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.67  | 152  | 755      | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.50 | 136  | 3394     | 0.40   | ng/ul  | 0.05     |
| 6) Acenaphthene-d10         | 14.33 | 164  | 1643     | 0.40   | ng/ul  | 0.02     |
| 10) Phenanthrene-d10        | 17.10 | 188  | 2884     | 0.40   | ng/ul  | 0.02     |
| 16) Chrysene-d12            | 21.27 | 240  | 1914     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.49 | 264  | 1887     | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.12 | 152  | 1741     | 0.39   | ng/ul  | 0.05     |
| 14) Fluoranthene-d10        | 19.11 | 212  | 2532     | 0.38   | ng/ul  | 0.01     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.56 | 128  | 855      | 0.090  | ng/ul# | 47       |
| 5) 2-Methylnaphthalene      | 12.20 | 142  | 509      | 0.093  | ng/ul  | 95       |
| 7) Acenaphthylene           | 14.06 | 152  | 683      | 0.083  | ng/ul# | 70       |
| 8) Acenaphthene             | 14.39 | 153  | 614      | 0.088  | ng/ul  | 96       |
| 9) Fluorene                 | 15.42 | 166  | 573      | 0.078  | ng/ul# | 93       |
| 11) Pentachlorophenol       | 16.82 | 266  | 27m      | 0.067  | ng/ul  |          |
| 12) Phenanthrene            | 17.14 | 178  | 825      | 0.085  | ng/ul# | 76       |
| 13) Anthracene              | 17.25 | 178  | 559      | 0.076  | ng/ul# | 63       |
| 15) Fluoranthene            | 19.14 | 202  | 838      | 0.087  | ng/ul  | 75       |
| 17) Pyrene                  | 19.51 | 202  | 881      | 0.104  | ng/ul# | 75       |
| 18) Benzo(a)anthracene      | 21.27 | 228  | 507      | 0.089  | ng/ul# | 81       |
| 19) Chrysene                | 21.31 | 228  | 965      | 0.100  | ng/ul# | 84       |
| 21) Benzo(b)fluoranthene    | 22.83 | 252  | 676      | 0.080  | ng/ul# | 40       |
| 22) Benzo(k)fluoranthene    | 22.88 | 252  | 872      | 0.098  | ng/ul# | 40       |
| 23) Benzo(a)pyrene          | 23.42 | 252  | 557      | 0.084  | ng/ul# | 22       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.77 | 276  | 594      | 0.078  | ng/ul# | 95       |
| 25) Dibenzo(a,h)anthracene  | 25.80 | 278  | 440      | 0.074  | ng/ul# | 19       |
| 26) Benzo(g,h,i)perylene    | 26.44 | 276  | 588      | 0.080  | ng/ul# | 66       |

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

