

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060520\  
 Data File : BN010781.D  
 Acq On : 05 Jun 2020 14:44  
 Operator : CG/JU  
 Sample : L1955-11  
 Misc : MDL-WTR-04  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-WATER-04

Manual Integrations  
 APPROVED

mohammad  
 6/8/2020 12:52:28 PM

Quant Time: Jun 05 15:17:28 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN060320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 05 10:29:34 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.57  | 152  | 1725     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.32 | 136  | 5428     | 0.40  | ng/ul  | 0.01     |
| 6) Acenaphthene-d10         | 14.19 | 164  | 2886     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.94 | 188  | 5559     | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.15 | 240  | 4722     | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.30 | 264  | 4475     | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.93 | 152  | 2495     | 0.20  | ng/ul  | 0.02     |
| 14) Fluoranthene-d10        | 18.98 | 212  | 5139     | 0.21  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       | Ovalue |          |
| 3) Naphthalene              | 10.37 | 128  | 941      | 0.059 | ng/ul# | 79       |
| 5) 2-Methylnaphthalene      | 12.01 | 142  | 553      | 0.055 | ng/ul  | 99       |
| 7) Acenaphthylene           | 13.91 | 152  | 733      | 0.057 | ng/ul# | 85       |
| 8) Acenaphthene             | 14.26 | 153  | 609      | 0.056 | ng/ul  | 94       |
| 9) Fluorene                 | 15.26 | 166  | 654      | 0.055 | ng/ul# | 96       |
| 11) Pentachlorophenol       | 16.62 | 266  | 69       | 0.053 | ng/ul# | 83       |
| 12) Phenanthrene            | 16.98 | 178  | 1032     | 0.057 | ng/ul# | 84       |
| 13) Anthracene              | 17.08 | 178  | 780      | 0.052 | ng/ul# | 75       |
| 15) Fluoranthene            | 19.00 | 202  | 1188     | 0.059 | ng/ul  | 87       |
| 17) Pyrene                  | 19.37 | 202  | 1217     | 0.059 | ng/ul# | 88       |
| 18) Benzo(a)anthracene      | 21.13 | 228  | 959m     | 0.057 | ng/ul  |          |
| 19) Chrysene                | 21.18 | 228  | 1280     | 0.060 | ng/ul  | 93       |
| 21) Benzo(b)fluoranthene    | 22.66 | 252  | 1162     | 0.058 | ng/ul# | 44       |
| 22) Benzo(k)fluoranthene    | 22.71 | 252  | 1179     | 0.056 | ng/ul# | 45       |
| 23) Benzo(a)pyrene          | 23.21 | 252  | 894      | 0.053 | ng/ul# | 30       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.42 | 276  | 1301     | 0.056 | ng/ul# | 95       |
| 25) Dibenzo(a,h)anthracene  | 25.44 | 278  | 1027     | 0.055 | ng/ul# | 39       |
| 26) Benzo(g,h,i)perylene    | 26.06 | 276  | 1220     | 0.057 | ng/ul# | 78       |

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

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