

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061819\  
 Data File : BN006377.D  
 Acq On : 18 Jun 2019 14:39  
 Operator : JU/SJ  
 Sample : K3335-08  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4235

Manual Integrations  
 APPROVED

mohammad  
 6/21/2019 8:39:01 AM

Quant Time: Jun 18 16:59:42 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 18 15:57:40 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.64  | 152  | 5108     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.42 | 136  | 20423    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.29 | 164  | 10870    | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.04 | 188  | 23540m   | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.26 | 240  | 13555m   | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.50 | 264  | 12503m   | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.02 | 152  | 5307     | 0.17   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.09 | 212  | 11725m   | 0.19   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |        | Ovalue |          |
| 3) Naphthalene              | 10.47 | 128  | 12823    | 0.228  | ng/ul  | 99       |
| 5) 2-Methylnaphthalene      | 12.09 | 142  | 4583     | 0.117  | ng/ul  | 99       |
| 7) Acenaphthylene           | 14.01 | 152  | 85628    | 1.417  | ng/ul  | 100      |
| 8) Acenaphthene             | 14.35 | 153  | 20482    | 0.489  | ng/ul  | 99       |
| 9) Fluorene                 | 15.35 | 166  | 40156    | 0.819  | ng/ul  | 98       |
| 12) Phenanthrene            | 17.09 | 178  | 563040m  | 7.451  | ng/ul  |          |
| 13) Anthracene              | 17.18 | 178  | 149308m  | 2.069  | ng/ul  |          |
| 15) Fluoranthene            | 19.12 | 202  | 1129739m | 13.540 | ng/ul  |          |
| 17) Pyrene                  | 19.48 | 202  | 978201   | 13.700 | ng/ul  | 99       |
| 18) Benzo(a)anthracene      | 21.25 | 228  | 426056m  | 7.107  | ng/ul  |          |
| 19) Chrysene                | 21.30 | 228  | 374863   | 6.661  | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 22.83 | 252  | 474603m  | 9.103  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.87 | 252  | 151587m  | 2.985  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.40 | 252  | 328617   | 6.768  | ng/ul# | 85       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.74 | 276  | 213015   | 4.053  | ng/ul# | 87       |
| 25) Dibenzo(a,h)anthracene  | 25.74 | 278  | 51132    | 1.217  | ng/ul  | 96       |
| 26) Benzo(a,h,i)perylene    | 26.41 | 276  | 175164   | 3.979  | ng/ul  | 94       |

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

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