

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN061419\  
 Data File : BN006335.D  
 Acq On : 14 Jun 2019 14:31  
 Operator : JU/SJ  
 Sample : K3332-06  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4231

Manual Integrations  
 APPROVED

mohammad  
 6/17/2019 8:28:57 AM

Quant Time: Jun 14 17:44:22 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 : Thu Jun 13 11:20:30 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.64  | 152  | 4206     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.42 | 136  | 15957    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.29 | 164  | 8150     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.05 | 188  | 15067m   | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.27 | 240  | 11178m   | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.50 | 264  | 10325m   | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.02 | 152  | 5054     | 0.21   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.09 | 212  | 10706m   | 0.26   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 7) Acenaphthylene           | 14.01 | 152  | 1006     | 0.022  | ng/ul# | 80       |
| 12) Phenanthrene            | 17.09 | 178  | 3804     | 0.079  | ng/ul  | 93       |
| 15) Fluoranthene            | 19.12 | 202  | 10970m   | 0.205  | ng/ul  |          |
| 17) Pyrene                  | 19.49 | 202  | 12222    | 0.208  | ng/ul  | 96       |
| 18) Benzo(a)anthracene      | 21.25 | 228  | 5447     | 0.110  | ng/ul  | 94       |
| 19) Chrysene                | 21.31 | 228  | 5478m    | 0.118  | ng/ul  |          |
| 21) Benzo(b)fluoranthene    | 22.84 | 252  | 7771m    | 0.180  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.88 | 252  | 2992m    | 0.071  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.41 | 252  | 5399m    | 0.135  | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 25.75 | 276  | 3590m    | 0.083  | ng/ul  |          |
| 25) Dibenzo(a,h)anthracene  | 25.75 | 278  | 962m     | 0.028  | ng/ul  |          |
| 26) Benzo(g,h,i)perylene    | 26.43 | 276  | 3200m    | 0.088  | ng/ul  |          |

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

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