

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\  
 Data File : BN006572.D  
 Acq On : 25 Jun 2019 16:15  
 Operator : HP/JU  
 Sample : K3362-09  
 Misc :  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4200

Manual Integrations  
 APPROVED

mohammad  
 6/25/2019 10:22:17 PM

Quant Time: Jun 25 17:02:20 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 25 07:15:41 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.63  | 152  | 4683     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.41 | 136  | 17551    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.28 | 164  | 8702     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.04 | 188  | 15232m   | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.27 | 240  | 8713m    | 0.40   | ng/ul  | 0.01     |
| 20) Perylene-d12            | 23.50 | 264  | 8216m    | 0.40   | ng/ul  | 0.02     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.01 | 152  | 11146    | 0.41   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.08 | 212  | 17017m   | 0.42   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 12) Phenanthrene            | 17.08 | 178  | 3126m    | 0.064  | ng/ul  |          |
| 15) Fluoranthene            | 19.11 | 202  | 7014m    | 0.130  | ng/ul  |          |
| 17) Pyrene                  | 19.48 | 202  | 7495     | 0.163  | ng/ul# | 92       |
| 18) Benzo(a)anthracene      | 21.25 | 228  | 2539     | 0.066  | ng/ul  | 95       |
| 19) Chrysene                | 21.30 | 228  | 2744m    | 0.076  | ng/ul  |          |
| 21) Benzo(b)fluoranthene    | 22.84 | 252  | 4123m    | 0.120  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.88 | 252  | 1607m    | 0.048  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.40 | 252  | 2685m    | 0.084  | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 25.75 | 276  | 1850m    | 0.054  | ng/ul  |          |
| 26) Benzo(g,h,i)perylene    | 26.43 | 276  | 1651m    | 0.057  | ng/ul  |          |

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

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