

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN062219\  
 Data File : BN006506.D  
 Acq On : 23 Jun 2019 01:00  
 Operator : HP/JU  
 Sample : K3360-15  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A41W8

Manual Integrations  
 APPROVED

mohammad  
 6/25/2019 8:45:02 AM

Quant Time: Jun 24 09:29:51 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 : Mon Jun 17 11:13:07 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.63  | 152  | 4901     | 0.40   | ng/ul  | -0.01    |
| 2) Naphthalene-d8           | 10.41 | 136  | 19169    | 0.40   | ng/ul  | -0.02    |
| 6) Acenaphthene-d10         | 14.28 | 164  | 10936    | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.04 | 188  | 21848m   | 0.40   | ng/ul  | -0.02    |
| 16) Chrysene-d12            | 21.25 | 240  | 14219m   | 0.40   | ng/ul  | -0.02    |
| 20) Perylene-d12            | 23.48 | 264  | 10411m   | 0.40   | ng/ul  | -0.03    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.01 | 152  | 11171    | 0.38   | ng/ul  | -0.02    |
| 14) Fluoranthene-d10        | 19.08 | 212  | 23308m   | 0.40   | ng/ul  | -0.01    |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 12) Phenanthrene            | 17.08 | 178  | 4057     | 0.058  | ng/ul  | 93       |
| 15) Fluoranthene            | 19.11 | 202  | 12226m   | 0.158  | ng/ul  |          |
| 17) Pyrene                  | 19.47 | 202  | 13025    | 0.174  | ng/ul# | 93       |
| 18) Benzo(a)anthracene      | 21.23 | 228  | 4817     | 0.077  | ng/ul  | 96       |
| 19) Chrysene                | 21.29 | 228  | 4542     | 0.077  | ng/ul  | 95       |
| 21) Benzo(b)fluoranthene    | 22.82 | 252  | 5743m    | 0.132  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.85 | 252  | 2898m    | 0.069  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.38 | 252  | 3746m    | 0.093  | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 25.72 | 276  | 2235m    | 0.051  | ng/ul  |          |
| 26) Benzo(g,h,i)perylene    | 26.40 | 276  | 2140m    | 0.058  | ng/ul  |          |

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

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