

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\  
 Data File : BN006244.D  
 Acq On : 11 Jun 2019 11:03  
 Operator : JU/SJ  
 Sample : K3016-03DL 5X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A51C2DL

Manual Integrations  
 APPROVED

mohammad  
 6/11/2019 4:39:06 PM

Quant Time: Jun 11 12:20:57 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 : Sun Jun 09 05:10:30 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.65  | 152  | 4335     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.43 | 136  | 16217    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.30 | 164  | 7637     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.05 | 188  | 14369    | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.28 | 240  | 11072    | 0.40   | ng/ul  | 0.02     |
| 20) Perylene-d12            | 23.52 | 264  | 14532    | 0.40   | ng/ul  | 0.03     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.03 | 152  | 962      | 0.04   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.09 | 212  | 1716     | 0.04   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.48 | 128  | 1108     | 0.025  | ng/ul# | 74       |
| 7) Acenaphthylene           | 14.02 | 152  | 12339    | 0.291  | ng/ul  | 99       |
| 9) Fluorene                 | 15.36 | 166  | 1279     | 0.037  | ng/ul# | 87       |
| 12) Phenanthrene            | 17.09 | 178  | 16889    | 0.366  | ng/ul  | 99       |
| 13) Anthracene              | 17.19 | 178  | 9189     | 0.209  | ng/ul  | 98       |
| 15) Fluoranthene            | 19.12 | 202  | 40980    | 0.805  | ng/ul  | 95       |
| 17) Pyrene                  | 19.49 | 202  | 54373    | 0.932  | ng/ul  | 99       |
| 18) Benzo(a)anthracene      | 21.26 | 228  | 21533    | 0.440  | ng/ul  | 95       |
| 19) Chrysene                | 21.32 | 228  | 28670    | 0.624  | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 22.86 | 252  | 34107m   | 0.563  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.90 | 252  | 14801m   | 0.251  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.43 | 252  | 24680    | 0.437  | ng/ul# | 92       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.76 | 276  | 17460    | 0.286  | ng/ul# | 88       |
| 25) Dibenzo(a,h)anthracene  | 25.77 | 278  | 4341     | 0.089  | ng/ul# | 85       |
| 26) Benzo(g,h,i)perylene    | 26.45 | 276  | 10145    | 0.198  | ng/ul  | 99       |

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

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