

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\  
 Data File : BN006353.D  
 Acq On : 17 Jun 2019 18:08  
 Operator : JU/SJ  
 Sample : K3332-14  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4222

Manual Integrations  
 APPROVED

mohammad  
 6/21/2019 8:22:19 AM

Quant Time: Jun 18 02:51:38 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   | 7.64  | 152  | 5034     | 0.40   | ng/ul | 0.00     |
| 2) Naphthalene-d8           | 10.42 | 136  | 20675    | 0.40   | ng/ul | 0.00     |
| 6) Acenaphthene-d10         | 14.29 | 164  | 11201    | 0.40   | ng/ul | 0.00     |
| 10) Phenanthrene-d10        | 17.05 | 188  | 21852m   | 0.40   | ng/ul | 0.00     |
| 16) Chrysene-d12            | 21.27 | 240  | 13159m   | 0.40   | ng/ul | 0.00     |
| 20) Perylene-d12            | 23.51 | 264  | 11007m   | 0.40   | ng/ul | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 4) 2-Methylnaphthalene-d10  | 12.02 | 152  | 5331     | 0.17   | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.09 | 212  | 11664m   | 0.20   | ng/ul | 0.00     |
| Target Compounds            |       |      |          | Ovalue |       |          |
| 12) Phenanthrene            | 17.09 | 178  | 3701     | 0.053  | ng/ul | 95       |
| 15) Fluoranthene            | 19.12 | 202  | 13726m   | 0.177  | ng/ul |          |
| 17) Pyrene                  | 19.49 | 202  | 11870m   | 0.171  | ng/ul |          |
| 18) Benzo(a)anthracene      | 21.26 | 228  | 5037     | 0.087  | ng/ul | 96       |
| 19) Chrysene                | 21.31 | 228  | 5421     | 0.099  | ng/ul | 97       |
| 21) Benzo(b)fluoranthene    | 22.85 | 252  | 7614m    | 0.166  | ng/ul |          |
| 22) Benzo(k)fluoranthene    | 22.89 | 252  | 3114m    | 0.070  | ng/ul |          |
| 23) Benzo(a)pyrene          | 23.41 | 252  | 4686m    | 0.110  | ng/ul |          |
| 24) Indeno(1,2,3-cd)pyrene  | 25.75 | 276  | 3149m    | 0.068  | ng/ul |          |
| 26) Benzo(g,h,i)perylene    | 26.44 | 276  | 2531m    | 0.065  | ng/ul |          |

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

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