

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\  
 Data File : BN006286.D  
 Acq On : 12 Jun 2019 18:27  
 Operator : JU/SJ  
 Sample : K3083-01DL 5X  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A51F3DL

Manual Integrations  
 APPROVED

mohammad  
 6/14/2019 8:34:05 AM

Quant Time: Jun 13 02:14:05 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 : Wed Jun 12 17:24:11 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.64  | 152  | 5204     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.42 | 136  | 20290    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.30 | 164  | 9601     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.05 | 188  | 16717    | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.27 | 240  | 11912    | 0.40   | ng/ul  | -0.02    |
| 20) Perylene-d12            | 23.50 | 264  | 15600    | 0.40   | ng/ul  | -0.04    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.03 | 152  | 1442     | 0.05   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.09 | 212  | 2299     | 0.05   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 12) Phenanthrene            | 17.09 | 178  | 5454     | 0.102  | ng/ul  | 95       |
| 15) Fluoranthene            | 19.12 | 202  | 17200    | 0.290  | ng/ul  | 96       |
| 17) Pyrene                  | 19.49 | 202  | 14216    | 0.227  | ng/ul  | 97       |
| 18) Benzo(a)anthracene      | 21.25 | 228  | 4928     | 0.094  | ng/ul# | 90       |
| 19) Chrysene                | 21.31 | 228  | 8284     | 0.167  | ng/ul# | 92       |
| 21) Benzo(b)fluoranthene    | 22.84 | 252  | 11443m   | 0.176  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.88 | 252  | 4625m    | 0.073  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.41 | 252  | 6444     | 0.106  | ng/ul# | 79       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.74 | 276  | 5652     | 0.086  | ng/ul# | 87       |
| 26) Benzo(g,h,i)perylene    | 26.43 | 276  | 5121     | 0.093  | ng/ul# | 81       |

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

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