

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN080719\  
 Data File : BN007016.D  
 Acq On : 08 Aug 2019 09:16  
 Operator : HP/JU  
 Sample : K3962-05  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BEP27

Manual Integrations  
 APPROVED

mohammad  
 8/9/2019 6:16:24 AM

Quant Time: Aug 08 11:48:46 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN080719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 07 17:30:08 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.47  | 152  | 8367     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.23 | 136  | 34059    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.11 | 164  | 20848    | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.86 | 188  | 52606m   | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.08 | 240  | 37931m   | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.21 | 264  | 28851m   | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.83 | 152  | 11907    | 0.20   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 18.90 | 212  | 36189m   | 0.21   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 12) Phenanthrene            | 16.90 | 178  | 6419m    | 0.038  | ng/ul  |          |
| 15) Fluoranthene            | 18.93 | 202  | 20753m   | 0.100  | ng/ul  |          |
| 17) Pyrene                  | 19.30 | 202  | 21652    | 0.128  | ng/ul  | 96       |
| 18) Benzo(a)anthracene      | 21.06 | 228  | 7570     | 0.045  | ng/ul# | 87       |
| 19) Chrysene                | 21.12 | 228  | 9583     | 0.061  | ng/ul# | 93       |
| 21) Benzo(b)fluoranthene    | 22.58 | 252  | 10064m   | 0.086  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.62 | 252  | 4266m    | 0.038  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.12 | 252  | 6539m    | 0.059  | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 25.31 | 276  | 4921m    | 0.041  | ng/ul  |          |
| 26) Benzo(g,h,i)perylene    | 25.94 | 276  | 5248m    | 0.053  | ng/ul  |          |

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

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