

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\  
 Data File : BN013020.D  
 Acq On : 09 Dec 2020 20:08  
 Operator : CG/JU  
 Sample : L4941-07  
 Misc :  
 ALS Vial : 90 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AZ2

Manual Integrations  
 APPROVED

mohammad  
 12/11/2020 1:18:03 PM

Quant Time: Dec 10 01:21:53 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 10 00:40:41 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.38  | 152  | 904      | 0.40   | ng/ul  | -0.01    |
| 2) Naphthalene-d8           | 10.14 | 136  | 3795     | 0.40   | ng/ul  | -0.01    |
| 6) Acenaphthene-d10         | 14.05 | 164  | 2184     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.81 | 188  | 4572     | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.03 | 240  | 3848     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.13 | 264  | 3321     | 0.40   | ng/ul  | -0.01    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.75 | 152  | 1009     | 0.18   | ng/ul  | -0.01    |
| 14) Fluoranthene-d10        | 18.85 | 212  | 2446     | 0.20   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.19 | 128  | 1017     | 0.093  | ng/ul# | 94       |
| 5) 2-Methylnaphthalene      | 11.82 | 142  | 1377     | 0.191  | ng/ul  | 100      |
| 7) Acenaphthylene           | 13.76 | 152  | 1504     | 0.145  | ng/ul  | 95       |
| 8) Acenaphthene             | 14.11 | 153  | 8694     | 1.025  | ng/ul  | 97       |
| 9) Fluorene                 | 15.11 | 166  | 4379     | 0.450  | ng/ul  | 98       |
| 12) Phenanthrene            | 16.84 | 178  | 63848    | 4.165  | ng/ul  | 96       |
| 13) Anthracene              | 16.94 | 178  | 8148     | 0.625  | ng/ul  | 95       |
| 15) Fluoranthene            | 18.88 | 202  | 211987   | 11.637 | ng/ul  | 98       |
| 17) Pyrene                  | 19.25 | 202  | 182617   | 10.047 | ng/ul  | 98       |
| 18) Benzo(a)anthracene      | 21.01 | 228  | 86963    | 5.462  | ng/ul  | 98       |
| 19) Chrysene                | 21.06 | 228  | 94555    | 5.375  | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 22.51 | 252  | 117424m  | 7.643  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.55 | 252  | 42435m   | 2.499  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.04 | 252  | 72652    | 5.096  | ng/ul# | 83       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.18 | 276  | 47965    | 2.561  | ng/ul# | 97       |
| 25) Dibenzo(a,h)anthracene  | 25.19 | 278  | 10928    | 0.738  | ng/ul  | 95       |
| 26) Benzo(a,h,i)perylene    | 25.81 | 276  | 38569    | 2.277  | ng/ul  | 95       |

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

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