

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\  
 Data File : BN013039.D  
 Acq On : 10 Dec 2020 10:16  
 Operator : CG/JU  
 Sample : L4941-01DL 2X  
 Misc :  
 ALS Vial : 109 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AW6DL

Manual Integrations  
 APPROVED

mohammad  
 12/11/2020 1:19:07 PM

Quant Time: Dec 10 10:58:27 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 10:29:27 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.38  | 152  | 933      | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.14 | 136  | 3836     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.04 | 164  | 2112     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.80 | 188  | 4345     | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.03 | 240  | 3130     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.13 | 264  | 2914     | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.75 | 152  | 403      | 0.07   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 18.85 | 212  | 872      | 0.07   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.19 | 128  | 285      | 0.026  | ng/ul# | 64       |
| 7) Acenaphthylene           | 13.76 | 152  | 221      | 0.022  | ng/ul# | 57       |
| 8) Acenaphthene             | 14.11 | 153  | 225      | 0.027  | ng/ul  | 93       |
| 9) Fluorene                 | 15.11 | 166  | 354      | 0.038  | ng/ul# | 94       |
| 12) Phenanthrene            | 16.84 | 178  | 6909     | 0.474  | ng/ul  | 98       |
| 13) Anthracene              | 16.94 | 178  | 1350     | 0.109  | ng/ul# | 95       |
| 15) Fluoranthene            | 18.88 | 202  | 12950    | 0.748  | ng/ul  | 97       |
| 17) Pyrene                  | 19.24 | 202  | 12532    | 0.848  | ng/ul  | 98       |
| 18) Benzo(a)anthracene      | 21.01 | 228  | 5110     | 0.395  | ng/ul  | 99       |
| 19) Chrysene                | 21.06 | 228  | 6007     | 0.420  | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 22.51 | 252  | 7524m    | 0.558  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.55 | 252  | 2660m    | 0.179  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.03 | 252  | 4818     | 0.385  | ng/ul  | 96       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.18 | 276  | 3258     | 0.198  | ng/ul# | 97       |
| 25) Dibenzo(a,h)anthracene  | 25.18 | 278  | 783      | 0.060  | ng/ul# | 44       |
| 26) Benzo(a,h,i)perylene    | 25.81 | 276  | 2865     | 0.193  | ng/ul# | 92       |

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

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