

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\  
 Data File : BM027952.D  
 Acq On : 24 Nov 2020 20:45  
 Operator : JU/CG  
 Sample : L4749-18DL 5X  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0B17DL

Manual Integrations  
 APPROVED

mohammad  
 11/25/2020 12:46:32 PM

Quant Time: Nov 25 01:37:04 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 24 15:00:24 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.32  | 152  | 1076     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 11.16 | 136  | 4279     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.94 | 164  | 2352     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.66 | 188  | 4117     | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.76 | 240  | 2263     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 24.18 | 264  | 2413     | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.72 | 152  | 198      | 0.03   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.65 | 212  | 264      | 0.02   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 11.21 | 128  | 946      | 0.074  | ng/ul# | 88       |
| 5) 2-Methylnaphthalene      | 12.79 | 142  | 339      | 0.039  | ng/ul  | 99       |
| 7) Acenaphthylene           | 14.67 | 152  | 572      | 0.050  | ng/ul# | 73       |
| 8) Acenaphthene             | 15.00 | 153  | 2576     | 0.300  | ng/ul  | 98       |
| 9) Fluorene                 | 15.98 | 166  | 2786     | 0.279  | ng/ul  | 99       |
| 12) Phenanthrene            | 17.70 | 178  | 86777    | 6.672  | ng/ul  | 97       |
| 13) Anthracene              | 17.79 | 178  | 14442    | 1.151  | ng/ul  | 99       |
| 15) Fluoranthene            | 19.68 | 202  | 225564   | 15.642 | ng/ul  | 99       |
| 17) Pyrene                  | 20.03 | 202  | 177653   | 15.457 | ng/ul  | 98       |
| 18) Benzo(a)anthracene      | 21.74 | 228  | 88808    | 9.726  | ng/ul  | 100      |
| 19) Chrysene                | 21.80 | 228  | 106216   | 11.943 | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 23.45 | 252  | 134129m  | 13.226 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 23.49 | 252  | 47667m   | 4.800  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 24.08 | 252  | 80448    | 9.073  | ng/ul# | 84       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.67 | 276  | 60570    | 6.309  | ng/ul# | 97       |
| 25) Dibenzo(a,h)anthracene  | 26.67 | 278  | 15672    | 1.961  | ng/ul  | 93       |
| 26) Benzo(a,h,i)perylene    | 27.45 | 276  | 52580    | 6.528  | ng/ul  | 94       |

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

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