

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\  
 Data File : BM027975.D  
 Acq On : 25 Nov 2020 22:01  
 Operator : JU/CG  
 Sample : L4749-08DL 2X  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0B73DL

Manual Integrations  
 APPROVED

mohammad  
 11/27/2020 11:44:08 AM

Quant Time: Nov 26 01:18:57 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 : Thu Nov 26 00:48:20 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.32  | 152  | 1014     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 11.16 | 136  | 4119     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.94 | 164  | 2409     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.65 | 188  | 4554     | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.76 | 240  | 2766     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 24.17 | 264  | 2756     | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.72 | 152  | 615      | 0.09   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.65 | 212  | 1071     | 0.09   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |        | Ovalue |          |
| 3) Naphthalene              | 11.21 | 128  | 519      | 0.042  | ng/ul# | 76       |
| 5) 2-Methylnaphthalene      | 12.79 | 142  | 332      | 0.040  | ng/ul  | 98       |
| 7) Acenaphthylene           | 14.66 | 152  | 1020     | 0.087  | ng/ul# | 85       |
| 8) Acenaphthene             | 15.00 | 153  | 6754     | 0.767  | ng/ul  | 99       |
| 9) Fluorene                 | 15.97 | 166  | 9320     | 0.912  | ng/ul  | 100      |
| 12) Phenanthrene            | 17.69 | 178  | 273435   | 19.007 | ng/ul  | 97       |
| 13) Anthracene              | 17.78 | 178  | 45866    | 3.305  | ng/ul  | 98       |
| 15) Fluoranthene            | 19.68 | 202  | 609975   | 38.241 | ng/ul  | 99       |
| 17) Pyrene                  | 20.03 | 202  | 480880   | 34.232 | ng/ul  | 98       |
| 18) Benzo(a)anthracene      | 21.74 | 228  | 212587   | 19.049 | ng/ul  | 100      |
| 19) Chrysene                | 21.80 | 228  | 232350   | 21.375 | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 23.44 | 252  | 251583m  | 21.721 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 23.48 | 252  | 97044m   | 8.556  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 24.07 | 252  | 164133   | 16.208 | ng/ul# | 83       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.67 | 276  | 106001   | 9.668  | ng/ul# | 97       |
| 25) Dibenzo(a,h)anthracene  | 26.67 | 278  | 28128m   | 3.081  | ng/ul  |          |
| 26) Benzo(a,h,i)perylene    | 27.44 | 276  | 88016    | 9.568  | ng/ul  | 93       |

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

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