

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\  
 Data File : BM025641.D  
 Acq On : 18 Mar 2020 22:58  
 Operator : CG/JU  
 Sample : L1786-07DL 5X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AC3DL

Manual Integrations  
 APPROVED

mohammad  
 3/19/2020 12:43:45 PM

Quant Time: Mar 19 00:41:59 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 18 05:07:34 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.58  | 152  | 2590     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.35 | 136  | 10462    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.22 | 164  | 6665     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.96 | 188  | 15383    | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.15 | 240  | 16199    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.30 | 264  | 17271    | 0.40   | ng/ul  | -0.01    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.95 | 152  | 691      | 0.04   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.00 | 212  | 1955     | 0.05   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.40 | 128  | 11029    | 0.356  | ng/ul  | 100      |
| 5) 2-Methylnaphthalene      | 12.02 | 142  | 6318     | 0.285  | ng/ul  | 99       |
| 7) Acenaphthylene           | 13.94 | 152  | 17647    | 0.648  | ng/ul# | 86       |
| 8) Acenaphthene             | 14.28 | 153  | 9638     | 0.404  | ng/ul  | 99       |
| 9) Fluorene                 | 15.27 | 166  | 27522    | 0.946  | ng/ul  | 99       |
| 12) Phenanthrene            | 17.00 | 178  | 153858   | 3.156  | ng/ul  | 100      |
| 13) Anthracene              | 17.09 | 178  | 142810   | 3.366  | ng/ul  | 99       |
| 15) Fluoranthene            | 19.03 | 202  | 325237   | 6.154  | ng/ul  | 99       |
| 17) Pyrene                  | 19.39 | 202  | 237072   | 3.261  | ng/ul  | 99       |
| 18) Benzo(a)anthracene      | 21.14 | 228  | 147743   | 2.551  | ng/ul  | 98       |
| 19) Chrysene                | 21.19 | 228  | 131805   | 2.027  | ng/ul  | 97       |
| 21) Benzo(b)fluoranthene    | 22.67 | 252  | 158379m  | 2.316  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.71 | 252  | 64829m   | 0.905  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.21 | 252  | 103709   | 1.826  | ng/ul# | 93       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.43 | 276  | 63366    | 0.822  | ng/ul# | 100      |
| 25) Dibenzo(a,h)anthracene  | 25.44 | 278  | 20404    | 0.315  | ng/ul  | 95       |
| 26) Benzo(a,h,i)perylene    | 26.07 | 276  | 39988    | 0.598  | ng/ul  | 98       |

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

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