

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\  
 Data File : BM025491.D  
 Acq On : 11 Mar 2020 15:03  
 Operator : CG/JU  
 Sample : L1677-10  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0CC0

Manual Integrations  
 APPROVED

mohammad  
 3/13/2020 8:48:46 AM

Quant Time: Mar 11 16:26:15 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 11 07:15:41 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.66  | 152  | 3565     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.43 | 136  | 14877    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.29 | 164  | 9803     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.03 | 188  | 18825m   | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.22 | 240  | 16062    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.40 | 264  | 18334    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.02 | 152  | 9260     | 0.35   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.06 | 212  | 18434    | 0.36   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.48 | 128  | 2115     | 0.048  | ng/ul# | 91       |
| 5) 2-Methylnaphthalene      | 12.09 | 142  | 2023     | 0.064  | ng/ul  | 100      |
| 7) Acenaphthylene           | 14.01 | 152  | 4510     | 0.113  | ng/ul  | 98       |
| 9) Fluorene                 | 15.34 | 166  | 1119     | 0.026  | ng/ul# | 91       |
| 12) Phenanthrene            | 17.07 | 178  | 18896    | 0.317  | ng/ul  | 99       |
| 13) Anthracene              | 17.16 | 178  | 6855     | 0.132  | ng/ul  | 97       |
| 15) Fluoranthene            | 19.09 | 202  | 78032    | 1.207  | ng/ul  | 99       |
| 17) Pyrene                  | 19.45 | 202  | 67495    | 0.936  | ng/ul  | 99       |
| 18) Benzo(a)anthracene      | 21.20 | 228  | 46087    | 0.803  | ng/ul  | 97       |
| 19) Chrysene                | 21.25 | 228  | 38502    | 0.597  | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 22.75 | 252  | 53795m   | 0.741  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.79 | 252  | 23734m   | 0.312  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.31 | 252  | 36411    | 0.604  | ng/ul  | 97       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.57 | 276  | 21555    | 0.264  | ng/ul# | 100      |
| 25) Dibenzo(a,h)anthracene  | 25.58 | 278  | 6418     | 0.093  | ng/ul# | 84       |
| 26) Benzo(a,h,i)perylene    | 26.23 | 276  | 19797    | 0.279  | ng/ul  | 98       |

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

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