

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\  
 Data File : BM025476.D  
 Acq On : 11 Mar 2020 05:58  
 Operator : CG/JU  
 Sample : L1617-21DL 5X  
 Misc :  
 ALS Vial : 70 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBDT5DL

Manual Integrations  
 APPROVED

mohammad  
 3/11/2020 8:02:32 AM

Quant Time: Mar 11 06:37:48 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 : Tue Mar 10 23:48:01 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.66  | 152  | 3254     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.42 | 136  | 13895    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.29 | 164  | 10100    | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.03 | 188  | 22893    | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.22 | 240  | 15735    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.40 | 264  | 14984    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.02 | 152  | 1651     | 0.07   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.06 | 212  | 4247     | 0.07   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.47 | 128  | 35873    | 0.872  | ng/ul  | 99       |
| 5) 2-Methylnaphthalene      | 12.09 | 142  | 18641    | 0.634  | ng/ul  | 100      |
| 7) Acenaphthylene           | 14.00 | 152  | 1782     | 0.043  | ng/ul# | 88       |
| 8) Acenaphthene             | 14.35 | 153  | 35089    | 0.969  | ng/ul  | 99       |
| 9) Fluorene                 | 15.34 | 166  | 30279    | 0.687  | ng/ul  | 99       |
| 12) Phenanthrene            | 17.07 | 178  | 218855   | 3.017  | ng/ul  | 99       |
| 13) Anthracene              | 17.13 | 178  | 40664    | 0.644  | ng/ul# | 1        |
| 15) Fluoranthene            | 19.09 | 202  | 73521    | 0.935  | ng/ul  | 98       |
| 17) Pyrene                  | 19.45 | 202  | 49997    | 0.708  | ng/ul  | 98       |
| 18) Benzo(a)anthracene      | 21.20 | 228  | 5633     | 0.100  | ng/ul  | 97       |
| 19) Chrysene                | 21.25 | 228  | 4108     | 0.065  | ng/ul  | 97       |
| 21) Benzo(b)fluoranthene    | 22.75 | 252  | 3515m    | 0.059  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.79 | 252  | 1405m    | 0.023  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.30 | 252  | 1864     | 0.038  | ng/ul# | 43       |

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

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