

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\  
 Data File : BM025648.D  
 Acq On : 19 Mar 2020 03:09  
 Operator : CG/JU  
 Sample : SSTDC00.4EC  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDC0.448

Manual Integrations  
 APPROVED

mohammad  
 3/19/2020 2:22:34 PM

Quant Time: Mar 19 03:49:41 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 : Thu Mar 19 00:21:10 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.58  | 152  | 2464     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.35 | 136  | 9809     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.22 | 164  | 6027     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.96 | 188  | 14002    | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.15 | 240  | 15728    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.30 | 264  | 16532    | 0.40   | ng/ul  | -0.01    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.95 | 152  | 6539     | 0.37   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.00 | 212  | 17716    | 0.46   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.39 | 128  | 11158    | 0.384  | ng/ul  | 100      |
| 5) 2-Methylnaphthalene      | 12.02 | 142  | 7687     | 0.370  | ng/ul  | 100      |
| 7) Acenaphthylene           | 13.94 | 152  | 10098    | 0.410  | ng/ul# | 87       |
| 8) Acenaphthene             | 14.28 | 153  | 8373     | 0.388  | ng/ul  | 99       |
| 9) Fluorene                 | 15.27 | 166  | 10011    | 0.380  | ng/ul  | 99       |
| 11) Pentachlorophenol       | 16.62 | 266  | 1756     | 0.535  | ng/ul  | 98       |
| 12) Phenanthrene            | 17.00 | 178  | 17339    | 0.391  | ng/ul  | 100      |
| 13) Anthracene              | 17.09 | 178  | 15328    | 0.397  | ng/ul  | 99       |
| 15) Fluoranthene            | 19.02 | 202  | 22827    | 0.475  | ng/ul  | 97       |
| 17) Pyrene                  | 19.38 | 202  | 23041    | 0.326  | ng/ul  | 97       |
| 18) Benzo(a)anthracene      | 21.14 | 228  | 22829    | 0.406  | ng/ul  | 100      |
| 19) Chrysene                | 21.19 | 228  | 24590    | 0.389  | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 22.66 | 252  | 24956    | 0.381  | ng/ul  | 98       |
| 22) Benzo(k)fluoranthene    | 22.71 | 252  | 25650m   | 0.374  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.21 | 252  | 21810    | 0.401  | ng/ul  | 98       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.43 | 276  | 30406    | 0.412  | ng/ul# | 96       |
| 25) Dibenzo(a,h)anthracene  | 25.44 | 278  | 25269    | 0.407  | ng/ul  | 100      |
| 26) Benzo(g,h,i)perylene    | 26.07 | 276  | 25180    | 0.394  | ng/ul  | 98       |

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

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