

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111519\  
 Data File : BN008588.D  
 Acq On : 15 Nov 2019 16:17  
 Operator : JU  
 Sample : SSTDO.202  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDO.2021

Manual Integrations  
 APPROVED

mohammad  
 11/18/2019 3:07:35 PM

Quant Time: Nov 15 17:31:46 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 15 17:05:45 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.63  | 152  | 2710     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.39 | 136  | 9066     | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.25 | 164  | 4852     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.99 | 188  | 12275    | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.19 | 240  | 13440    | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.36 | 264  | 12973    | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.98 | 152  | 2975     | 0.21  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.02 | 212  | 7396     | 0.20  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       | Ovalue |          |
| 3) Naphthalene              | 10.43 | 128  | 5548     | 0.215 | ng/ul  | 98       |
| 5) 2-Methylnaphthalene      | 12.06 | 142  | 3798     | 0.221 | ng/ul  | 99       |
| 7) Acenaphthylene           | 13.96 | 152  | 5364     | 0.237 | ng/ul  | 99       |
| 8) Acenaphthene             | 14.31 | 153  | 4072     | 0.222 | ng/ul  | 100      |
| 9) Fluorene                 | 15.30 | 166  | 4750     | 0.237 | ng/ul  | 99       |
| 11) Pentachlorophenol       | 16.65 | 266  | 919      | 0.344 | ng/ul  | 97       |
| 12) Phenanthrene            | 17.03 | 178  | 8154     | 0.219 | ng/ul  | 99       |
| 13) Anthracene              | 17.12 | 178  | 7682     | 0.235 | ng/ul  | 98       |
| 15) Fluoranthene            | 19.05 | 202  | 10063    | 0.235 | ng/ul  | 96       |
| 17) Pyrene                  | 19.41 | 202  | 10434    | 0.159 | ng/ul  | 100      |
| 18) Benzo(a)anthracene      | 21.17 | 228  | 10596    | 0.226 | ng/ul  | 99       |
| 19) Chrysene                | 21.22 | 228  | 10619    | 0.178 | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 22.71 | 252  | 10589    | 0.219 | ng/ul  | 94       |
| 22) Benzo(k)fluoranthene    | 22.76 | 252  | 10457m   | 0.190 | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.26 | 252  | 9951     | 0.204 | ng/ul# | 94       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.50 | 276  | 11375    | 0.206 | ng/ul# | 98       |
| 25) Dibenzo(a,h)anthracene  | 25.52 | 278  | 9199     | 0.210 | ng/ul# | 91       |
| 26) Benzo(g,h,i)perylene    | 26.15 | 276  | 9453     | 0.191 | ng/ul  | 98       |

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

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