

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\  
 Data File : BN012659.D  
 Acq On : 20 Nov 2020 14:15  
 Operator : CG/JU  
 Sample : SSTD1.603  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD1.603

Quant Time: Nov 20 14:49:35 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 20 13:42:54 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.45  | 152  | 662      | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.21 | 136  | 2478     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.10 | 164  | 1333     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 16.85 | 188  | 2788     | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.07 | 240  | 2718     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.19 | 264  | 2490     | 0.40 | ng/ul | 0.00     |

|                             |       |     |       |      |       |       |
|-----------------------------|-------|-----|-------|------|-------|-------|
| System Monitoring Compounds |       |     |       |      |       |       |
| 4) 2-Methylnaphthalene-d10  | 11.81 | 152 | 6040  | 1.64 | ng/ul | -0.01 |
| 14) Fluoranthene-d10        | 18.89 | 212 | 12272 | 1.61 | ng/ul | 0.00  |

|                            |       |     |       |        |        |     |
|----------------------------|-------|-----|-------|--------|--------|-----|
| Target Compounds           |       |     |       | Ovalue |        |     |
| 3) Naphthalene             | 10.26 | 128 | 11892 | 1.662  | ng/ul  | 95  |
| 5) 2-Methylnaphthalene     | 11.89 | 142 | 7844  | 1.727  | ng/ul  | 100 |
| 7) Acenaphthylene          | 13.82 | 152 | 10765 | 1.862  | ng/ul  | 97  |
| 8) Acenaphthene            | 14.16 | 153 | 8844  | 1.809  | ng/ul  | 98  |
| 9) Fluorene                | 15.16 | 166 | 10037 | 1.845  | ng/ul  | 98  |
| 11) Pentachlorophenol      | 16.51 | 266 | 1421  | 1.764  | ng/ul  | 95  |
| 12) Phenanthrene           | 16.89 | 178 | 15861 | 1.785  | ng/ul  | 97  |
| 13) Anthracene             | 16.99 | 178 | 14432 | 1.893  | ng/ul  | 96  |
| 15) Fluoranthene           | 18.93 | 202 | 18723 | 1.802  | ng/ul  | 95  |
| 17) Pyrene                 | 19.29 | 202 | 18633 | 1.521  | ng/ul  | 99  |
| 18) Benzo(a)anthracene     | 21.05 | 228 | 16174 | 1.607  | ng/ul  | 97  |
| 19) Chrysene               | 21.10 | 228 | 18703 | 1.525  | ng/ul  | 99  |
| 21) Benzo(b)fluoranthene   | 22.56 | 252 | 18743 | 1.864  | ng/ul  | 89  |
| 22) Benzo(k)fluoranthene   | 22.60 | 252 | 21089 | 1.894  | ng/ul# | 90  |
| 23) Benzo(a)pyrene         | 23.09 | 252 | 17467 | 1.785  | ng/ul# | 82  |
| 24) Indeno(1,2,3-cd)pyrene | 25.27 | 276 | 23709 | 1.886  | ng/ul# | 100 |
| 25) Dibenzo(a,h)anthracene | 25.28 | 278 | 19246 | 1.914  | ng/ul# | 89  |
| 26) Benzo(g,h,i)perylene   | 25.90 | 276 | 20909 | 1.815  | ng/ul  | 95  |

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

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