

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081219\  
 Data File : BM022050.D  
 Acq On : 13 Aug 2019 02:54  
 Operator : HP/JU  
 Sample : SSTDC00.4  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.454

Quant Time: Aug 13 09:22:53 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 13 08:25:01 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.62  | 152  | 555      | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.41 | 136  | 2474     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.28 | 164  | 1288     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.04 | 188  | 2789     | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.23 | 240  | 2527     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.45 | 264  | 2790     | 0.40 | ng/ul | 0.00     |

|                             |       |     |      |      |       |      |
|-----------------------------|-------|-----|------|------|-------|------|
| System Monitoring Compounds |       |     |      |      |       |      |
| 4) 2-Methylnaphthalene-d10  | 12.03 | 152 | 1600 | 0.39 | ng/ul | 0.00 |
| 14) Fluoranthene-d10        | 19.07 | 212 | 3391 | 0.36 | ng/ul | 0.00 |

|                            |       |     |      |        |        |     |
|----------------------------|-------|-----|------|--------|--------|-----|
| Target Compounds           |       |     |      | Ovalue |        |     |
| 3) Naphthalene             | 10.47 | 128 | 2707 | 0.387  | ng/ul  | 98  |
| 5) 2-Methylnaphthalene     | 12.10 | 142 | 1823 | 0.392  | ng/ul  | 100 |
| 7) Acenaphthylene          | 14.00 | 152 | 2265 | 0.377  | ng/ul# | 84  |
| 8) Acenaphthene            | 14.34 | 153 | 2037 | 0.414  | ng/ul  | 98  |
| 9) Fluorene                | 15.35 | 166 | 2137 | 0.391  | ng/ul  | 99  |
| 11) Pentachlorophenol      | 16.72 | 266 | 210  | 0.408  | ng/ul  | 85  |
| 12) Phenanthrene           | 17.09 | 178 | 3202 | 0.395  | ng/ul  | 98  |
| 13) Anthracene             | 17.19 | 178 | 2775 | 0.401  | ng/ul  | 99  |
| 15) Fluoranthene           | 19.11 | 202 | 3897 | 0.358  | ng/ul  | 96  |
| 17) Pyrene                 | 19.47 | 202 | 4115 | 0.396  | ng/ul# | 94  |
| 18) Benzo(a)anthracene     | 21.22 | 228 | 3493 | 0.386  | ng/ul  | 99  |
| 19) Chrysene               | 21.27 | 228 | 4478 | 0.385  | ng/ul  | 98  |
| 21) Benzo(b)fluoranthene   | 22.78 | 252 | 3866 | 0.411  | ng/ul  | 100 |
| 22) Benzo(k)fluoranthene   | 22.83 | 252 | 4452 | 0.418  | ng/ul  | 97  |
| 23) Benzo(a)pyrene         | 23.36 | 252 | 3919 | 0.410  | ng/ul  | 98  |
| 24) Indeno(1,2,3-cd)pyrene | 25.67 | 276 | 4718 | 0.413  | ng/ul# | 97  |
| 25) Dibenzo(a,h)anthracene | 25.68 | 278 | 3785 | 0.410  | ng/ul  | 99  |
| 26) Benzo(g,h,i)perylene   | 26.35 | 276 | 4200 | 0.408  | ng/ul  | 95  |

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

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