

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM080319\  
 Data File : BM021814.D  
 Acq On : 04 Aug 2019 16:00  
 Operator : HP/JU  
 Sample : SSTDC00.4  
 Misc :  
 ALS Vial : 57 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.428

Quant Time: Aug 05 05:30:42 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 : Mon Aug 05 05:26:43 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.64  | 152  | 646      | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.43 | 136  | 2813     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.29 | 164  | 1713     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.06 | 188  | 4129     | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.25 | 240  | 4080     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.47 | 264  | 4829     | 0.40 | ng/ul | 0.00     |

|                             |       |     |      |      |       |      |
|-----------------------------|-------|-----|------|------|-------|------|
| System Monitoring Compounds |       |     |      |      |       |      |
| 4) 2-Methylnaphthalene-d10  | 12.04 | 152 | 1967 | 0.42 | ng/ul | 0.00 |
| 14) Fluoranthene-d10        | 19.09 | 212 | 5470 | 0.39 | ng/ul | 0.00 |

|                            |       |     |      |       |        |        |
|----------------------------|-------|-----|------|-------|--------|--------|
| Target Compounds           |       |     |      |       |        | Qvalue |
| 3) Naphthalene             | 10.48 | 128 | 3225 | 0.406 | ng/ul  | 98     |
| 5) 2-Methylnaphthalene     | 12.11 | 142 | 2266 | 0.428 | ng/ul  | 93     |
| 7) Acenaphthylene          | 14.02 | 152 | 3329 | 0.417 | ng/ul  | 98     |
| 8) Acenaphthene            | 14.36 | 153 | 2707 | 0.414 | ng/ul  | 96     |
| 9) Fluorene                | 15.36 | 166 | 2962 | 0.408 | ng/ul  | 98     |
| 11) Pentachlorophenol      | 16.73 | 266 | 333  | 0.437 | ng/ul  | 96     |
| 12) Phenanthrene           | 17.10 | 178 | 4788 | 0.399 | ng/ul  | 99     |
| 13) Anthracene             | 17.20 | 178 | 4231 | 0.413 | ng/ul  | 98     |
| 15) Fluoranthene           | 19.12 | 202 | 6301 | 0.392 | ng/ul  | 100    |
| 17) Pyrene                 | 19.48 | 202 | 6689 | 0.399 | ng/ul  | 99     |
| 18) Benzo(a)anthracene     | 21.23 | 228 | 6040 | 0.414 | ng/ul  | 99     |
| 19) Chrysene               | 21.28 | 228 | 7363 | 0.392 | ng/ul  | 99     |
| 21) Benzo(b)fluoranthene   | 22.80 | 252 | 6632 | 0.407 | ng/ul  | 97     |
| 22) Benzo(k)fluoranthene   | 22.85 | 252 | 7353 | 0.399 | ng/ul  | 99     |
| 23) Benzo(a)pyrene         | 23.37 | 252 | 6690 | 0.404 | ng/ul  | 95     |
| 24) Indeno(1,2,3-cd)pyrene | 25.69 | 276 | 8104 | 0.410 | ng/ul# | 95     |
| 25) Dibenzo(a,h)anthracene | 25.70 | 278 | 6492 | 0.406 | ng/ul  | 98     |
| 26) Benzo(g,h,i)perylene   | 26.37 | 276 | 7160 | 0.402 | ng/ul  | 99     |

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

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