

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM073119\  
 Data File : BM021754.D  
 Acq On : 31 Jul 2019 21:08  
 Operator : HP/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.499

Quant Time: Jul 31 21:40:11 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM073119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 31 20:59:57 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.67  | 152  | 1957     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.46 | 136  | 4489     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.32 | 164  | 1561     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.08 | 188  | 3950     | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.27 | 240  | 4695     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.51 | 264  | 6398     | 0.40 | ng/ul | 0.00     |

|                             |       |     |      |      |       |      |
|-----------------------------|-------|-----|------|------|-------|------|
| System Monitoring Compounds |       |     |      |      |       |      |
| 4) 2-Methylnaphthalene-d10  | 12.06 | 152 | 1990 | 0.37 | ng/ul | 0.00 |
| 14) Fluoranthene-d10        | 19.11 | 212 | 4235 | 0.37 | ng/ul | 0.00 |

| Target Compounds           |       |     |      |       | Qvalue    |
|----------------------------|-------|-----|------|-------|-----------|
| 3) Naphthalene             | 10.51 | 128 | 4326 | 0.382 | ng/ul 99  |
| 5) 2-Methylnaphthalene     | 12.14 | 142 | 2187 | 0.365 | ng/ul 98  |
| 7) Acenaphthylene          | 14.04 | 152 | 3364 | 0.394 | ng/ul 99  |
| 8) Acenaphthene            | 14.39 | 153 | 2453 | 0.390 | ng/ul 99  |
| 9) Fluorene                | 15.39 | 166 | 2680 | 0.380 | ng/ul 100 |
| 11) Pentachlorophenol      | 16.75 | 266 | 504  | 0.374 | ng/ul 99  |
| 12) Phenanthrene           | 17.12 | 178 | 4209 | 0.385 | ng/ul 99  |
| 13) Anthracene             | 17.22 | 178 | 3700 | 0.393 | ng/ul 100 |
| 15) Fluoranthene           | 19.14 | 202 | 5009 | 0.367 | ng/ul 100 |
| 17) Pyrene                 | 19.51 | 202 | 5158 | 0.388 | ng/ul 100 |
| 18) Benzo(a)anthracene     | 21.26 | 228 | 5621 | 0.384 | ng/ul 100 |
| 19) Chrysene               | 21.31 | 228 | 7198 | 0.390 | ng/ul 98  |
| 21) Benzo(b)fluoranthene   | 22.84 | 252 | 9007 | 0.381 | ng/ul 99  |
| 22) Benzo(k)fluoranthene   | 22.88 | 252 | 8952 | 0.374 | ng/ul 98  |
| 23) Benzo(a)pyrene         | 23.42 | 252 | 7893 | 0.372 | ng/ul 96  |
| 24) Indeno(1,2,3-cd)pyrene | 25.75 | 276 | 9502 | 0.334 | ng/ul# 97 |
| 25) Dibenzo(a,h)anthracene | 25.77 | 278 | 7448 | 0.335 | ng/ul 95  |
| 26) Benzo(g,h,i)perylene   | 26.45 | 276 | 8960 | 0.329 | ng/ul 97  |

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

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