

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_E\DATA\BE082918\  
 Data File : BE097381.D  
 Acq On : 29 Aug 2018 9:24  
 Operator : SJ/JU  
 Sample : SST0.113  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SST0.113

Manual Integrations  
 APPROVED

Sohil  
 8/30/2018 5:36:36 PM

Quant Time: Aug 29 13:17:20 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE082918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 29 13:07:59 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.38  | 152  | 757      | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.13 | 136  | 3677     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.01 | 164  | 2012     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 16.77 | 188  | 5943     | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 20.97 | 240  | 7526     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.20 | 264  | 7525     | 0.40 | ng/ul | 0.00     |

|                             |       |     |      |      |       |      |
|-----------------------------|-------|-----|------|------|-------|------|
| System Monitoring Compounds |       |     |      |      |       |      |
| 4) 2-Methylnaphthalene-d10  | 11.73 | 152 | 536  | 0.09 | ng/ul | 0.01 |
| 14) Fluoranthene-d10        | 18.81 | 212 | 1953 | 0.12 | ng/ul | 0.00 |

|                            |       |     |       |        |        |    |
|----------------------------|-------|-----|-------|--------|--------|----|
| Target Compounds           |       |     |       | Qvalue |        |    |
| 3) Naphthalene             | 10.18 | 128 | 902   | 0.101  | ng/ul# | 85 |
| 5) 2-Methylnaphthalene     | 11.81 | 142 | 528   | 0.091  | ng/ul  | 98 |
| 7) Acenaphthylene          | 13.73 | 152 | 696   | 0.077  | ng/ul# | 85 |
| 8) Acenaphthene            | 14.07 | 153 | 631   | 0.096  | ng/ul# | 93 |
| 9) Fluorene                | 15.08 | 166 | 682   | 0.096  | ng/ul# | 92 |
| 12) Phenanthrene           | 16.81 | 178 | 1500  | 0.098  | ng/ul# | 91 |
| 13) Anthracene             | 16.90 | 178 | 1181  | 0.092  | ng/ul# | 91 |
| 15) Fluoranthene           | 18.84 | 202 | 1914  | 0.117  | ng/ul  | 86 |
| 17) Pyrene                 | 19.21 | 202 | 2192  | 0.096  | ng/ul# | 83 |
| 18) Benzo(a)anthracene     | 20.96 | 228 | 1881  | 0.101  | ng/ul# | 85 |
| 19) Chrysene               | 21.01 | 228 | 2260  | 0.101  | ng/ul  | 97 |
| 21) Benzo(b)fluoranthene   | 22.53 | 252 | 1836  | 0.090  | ng/ul  | 93 |
| 22) Benzo(k)fluoranthene   | 22.58 | 252 | 2182m | 0.086  | ng/ul  |    |
| 23) Benzo(a)pyrene         | 23.11 | 252 | 1775  | 0.094  | ng/ul# | 89 |
| 24) Indeno(1,2,3-cd)pyrene | 25.51 | 276 | 2340  | 0.100  | ng/ul# | 77 |
| 25) Dibenzo(a,h)anthracene | 25.53 | 278 | 1958  | 0.103  | ng/ul# | 94 |
| 26) Benzo(g,h,i)perylene   | 26.20 | 276 | 1983  | 0.106  | ng/ul  | 93 |

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

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