

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_E\DATA\BE070618\  
 Data File : BE096850.D  
 Acq On : 6 Jul 2018 12:22  
 Operator : SJ/JU  
 Sample : SST00.144  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SST00.144

Manual Integrations  
 APPROVED

Sohil  
 7/9/2018 4:14:04 PM

Quant Time: Jul 06 15:03:28 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE070618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 06 14:58:27 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.40  | 152  | 2892     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.14 | 136  | 13700    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.03 | 164  | 7149     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 16.77 | 188  | 20927    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 20.98 | 240  | 15644    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.22 | 264  | 14306    | 0.40 | ng/ul | 0.00     |

|                             |       |     |      |      |       |      |
|-----------------------------|-------|-----|------|------|-------|------|
| System Monitoring Compounds |       |     |      |      |       |      |
| 4) 2-Methylnaphthalene-d10  | 11.74 | 152 | 2183 | 0.09 | ng/ul | 0.00 |
| 14) Fluoranthene-d10        | 18.81 | 212 | 4885 | 0.08 | ng/ul | 0.00 |

|                            |       |     |       |        |        |    |
|----------------------------|-------|-----|-------|--------|--------|----|
| Target Compounds           |       |     |       | Qvalue |        |    |
| 3) Naphthalene             | 10.19 | 128 | 3310  | 0.095  | ng/ul# | 96 |
| 5) 2-Methylnaphthalene     | 11.81 | 142 | 2136  | 0.094  | ng/ul  | 99 |
| 7) Acenaphthylene          | 13.74 | 152 | 2828  | 0.091  | ng/ul  | 98 |
| 8) Acenaphthene            | 14.09 | 153 | 2399  | 0.094  | ng/ul# | 92 |
| 9) Fluorene                | 15.08 | 166 | 2349  | 0.086  | ng/ul  | 92 |
| 12) Phenanthrene           | 16.82 | 178 | 5346  | 0.091  | ng/ul# | 89 |
| 13) Anthracene             | 16.91 | 178 | 4242  | 0.087  | ng/ul# | 91 |
| 15) Fluoranthene           | 18.85 | 202 | 5217  | 0.080  | ng/ul  | 83 |
| 17) Pyrene                 | 19.21 | 202 | 5612  | 0.103  | ng/ul# | 81 |
| 18) Benzo(a)anthracene     | 20.96 | 228 | 3488  | 0.093  | ng/ul# | 85 |
| 19) Chrysene               | 21.02 | 228 | 4922  | 0.094  | ng/ul  | 97 |
| 21) Benzo(b)fluoranthene   | 22.53 | 252 | 3516  | 0.083  | ng/ul  | 89 |
| 22) Benzo(k)fluoranthene   | 22.58 | 252 | 3968m | 0.090  | ng/ul  |    |
| 23) Benzo(a)pyrene         | 23.11 | 252 | 2861  | 0.075  | ng/ul# | 86 |
| 24) Indeno(1,2,3-cd)pyrene | 25.51 | 276 | 2849  | 0.075  | ng/ul# | 79 |
| 25) Dibenzo(a,h)anthracene | 25.53 | 278 | 2020  | 0.069  | ng/ul# | 96 |
| 26) Benzo(g,h,i)perylene   | 26.21 | 276 | 2904  | 0.077  | ng/ul  | 94 |

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

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