

Data File : BE094024.D
 Acq On : 20 Sep 2017 8:57
 Operator : SJ/JU
 Sample : SSTD0.102
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.102

Quant Time: Sep 20 12:07:31 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 20 11:55:51 2017
 Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.92 | 152 | 1306 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.71 | 136 | 5676 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.55 | 164 | 3252 | 0.40 | ng/ul | 0.02 |
| 10) Phenanthrene-d10 | 17.29 | 188 | 9393 | 0.40 | ng/ul | 0.02 |
| 16) Chrysene-d12 | 21.44 | 240 | 12863 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.95 | 264 | 11885 | 0.40 | ng/ul | 0.00 |

| System Monitoring Compounds | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10 | 12.35 | 152 | 861 | 0.09 | ng/ul | 0.04 |
| 14) Fluoranthene-d10 | 19.30 | 212 | 3176 | 0.11 | ng/ul | 0.01 |

| Target Compounds | R.T. | QIon | Response | Conc | Units | Qvalue |
|----------------------------|-------|------|----------|------|--------|--------|
| 3) Naphthalene | 10.76 | 128 | 1435 | 0.10 | ng/ul# | 86 |
| 5) 2-Methylnaphthalene | 12.42 | 142 | 848 | 0.08 | ng/ul | 98 |
| 7) Acenaphthylene | 14.28 | 152 | 1268 | 0.09 | ng/ul# | 89 |
| 8) Acenaphthene | 14.61 | 153 | 1084 | 0.10 | ng/ul | 95 |
| 9) Fluorene | 15.61 | 166 | 1168 | 0.09 | ng/ul# | 89 |
| 12) Phenanthrene | 17.33 | 178 | 2419 | 0.09 | ng/ul# | 93 |
| 13) Anthracene | 17.43 | 178 | 2325 | 0.09 | ng/ul# | 95 |
| 15) Fluoranthene | 19.33 | 202 | 3187 | 0.10 | ng/ul | 85 |
| 17) Pyrene | 19.69 | 202 | 3568 | 0.10 | ng/ul# | 86 |
| 18) Benzo(a)anthracene | 21.42 | 228 | 3362 | 0.09 | ng/ul# | 88 |
| 19) Chrysene | 21.47 | 228 | 4036 | 0.11 | ng/ul | 97 |
| 21) Benzo(b)fluoranthene | 23.18 | 252 | 3014 | 0.08 | ng/ul | 95 |
| 22) Benzo(k)fluoranthene | 23.23 | 252 | 3649 | 0.10 | ng/ul | 97 |
| 23) Benzo(a)pyrene | 23.84 | 252 | 3365 | 0.10 | ng/ul# | 95 |
| 24) Indeno(1,2,3-cd)pyrene | 26.62 | 276 | 3216 | 0.08 | ng/ul# | 86 |
| 25) Dibenzo(a,h)anthracene | 26.65 | 278 | 2684 | 0.08 | ng/ul# | 82 |
| 26) Benzo(g,h,i)perylene | 27.43 | 276 | 2856 | 0.09 | ng/ul# | 88 |

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

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