

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE102517\  
 Data File : BE094555.D  
 Acq On : 26 Oct 2017 4:41  
 Operator : SJ/JU  
 Sample : SSTDC00.4EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTD0.456

Manual Integrations  
 APPROVED

Sohil  
 10/27/2017 8:56:52 AM

Quant Time: Oct 26 13:48:55 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE102517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 25 18:44:03 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.91  | 152  | 1073     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.70 | 136  | 6241     | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.52 | 164  | 3489     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.26 | 188  | 7935     | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.43 | 240  | 7929     | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.96 | 264  | 7865     | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.28 | 152  | 3921     | 0.39  | ng/ul  | -0.01    |
| 14) Fluoranthene-d10        | 19.29 | 212  | 9687     | 0.41  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        | Qvalue   |
| 3) Naphthalene              | 10.74 | 128  | 5881     | 0.385 | ng/ul# | 93       |
| 5) 2-Methylnaphthalene      | 12.36 | 142  | 4109     | 0.385 | ng/ul  | 99       |
| 7) Acenaphthylene           | 14.24 | 152  | 6299     | 0.399 | ng/ul  | 97       |
| 8) Acenaphthene             | 14.58 | 153  | 4503     | 0.397 | ng/ul  | 96       |
| 9) Fluorene                 | 15.57 | 166  | 5175     | 0.406 | ng/ul  | 94       |
| 11) Pentachlorophenol       | 16.98 | 266  | 172m     | 0.434 | ng/ul  |          |
| 12) Phenanthrene            | 17.29 | 178  | 8197m    | 0.391 | ng/ul  |          |
| 13) Anthracene              | 17.40 | 178  | 8335     | 0.403 | ng/ul  | 95       |
| 15) Fluoranthene            | 19.31 | 202  | 9945     | 0.410 | ng/ul  | 84       |
| 17) Pyrene                  | 19.68 | 202  | 10443    | 0.426 | ng/ul# | 81       |
| 18) Benzo(a)anthracene      | 21.41 | 228  | 9514     | 0.420 | ng/ul# | 88       |
| 19) Chrysene                | 21.46 | 228  | 9085     | 0.388 | ng/ul# | 88       |
| 21) Benzo(b)fluoranthene    | 23.18 | 252  | 9060     | 0.410 | ng/ul  | 84       |
| 22) Benzo(k)fluoranthene    | 23.23 | 252  | 9093     | 0.384 | ng/ul# | 79       |
| 23) Benzo(a)pyrene          | 23.85 | 252  | 9080     | 0.411 | ng/ul# | 87       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.66 | 276  | 9667     | 0.422 | ng/ul# | 80       |
| 25) Dibenzo(a,h)anthracene  | 26.66 | 278  | 8131     | 0.422 | ng/ul# | 83       |
| 26) Benzo(g,h,i)perylene    | 27.49 | 276  | 7540     | 0.410 | ng/ul# | 78       |

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

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