

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062018\  
 Data File : BE096833.D  
 Acq On : 20 Jun 2018 14:22  
 Operator : SJ/JU  
 Sample : SSTDICC0.8  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.8

Quant Time: Jun 20 15:01:23 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 20 14:13:32 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.40  | 152  | 2745     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.16 | 136  | 13782    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.03 | 164  | 7785     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 16.78 | 188  | 21316    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 20.98 | 240  | 17914    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.22 | 264  | 13822    | 0.40 | ng    | 0.00     |

|                             |       |     |        |      |    |      |
|-----------------------------|-------|-----|--------|------|----|------|
| System Monitoring Compounds |       |     |        |      |    |      |
| 4) 2-Fluorophenol           | 5.05  | 112 | 4558   | 0.69 | ng | 0.00 |
| 5) Phenol-d6                | 6.59  | 99  | 6872   | 0.69 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.53  | 82  | 6327   | 0.70 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.73 | 152 | 14786  | 0.69 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.52 | 330 | 1348   | 0.67 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 12.64 | 172 | 21203  | 0.69 | ng | 0.00 |
| 25) Fluoranthene-d10        | 18.82 | 212 | 135472 | 0.66 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.44 | 244 | 26048  | 0.70 | ng | 0.00 |

|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.09  | 88  | 3206  | 0.724  | ng | # 88 |
| 3) n-Nitrosodimethylamine      | 3.38  | 42  | 3623  | 0.768  | ng | # 86 |
| 6) bis(2-Chloroethyl)ether     | 6.84  | 93  | 7571  | 0.702  | ng | 97   |
| 9) Naphthalene                 | 10.20 | 128 | 92308 | 0.685  | ng | 99   |
| 10) Hexachlorobutadiene        | 10.50 | 225 | 3839  | 0.686  | ng | 96   |
| 12) 2-Methylnaphthalene        | 11.81 | 142 | 15539 | 0.694  | ng | 100  |
| 16) Acenaphthylene             | 13.74 | 152 | 25135 | 0.688  | ng | 100  |
| 17) Acenaphthene               | 14.08 | 154 | 16617 | 0.686  | ng | 95   |
| 18) Fluorene                   | 15.07 | 166 | 19309 | 0.677  | ng | # 79 |
| 20) 4-Bromophenyl-phenylether  | 15.98 | 248 | 7079  | 0.680  | ng | # 85 |
| 21) Hexachlorobenzene          | 16.09 | 284 | 7753  | 0.650  | ng | # 79 |
| 22) Pentachlorophenol          | 16.43 | 266 | 1431  | 0.660  | ng | # 71 |
| 23) Phenanthrene               | 16.81 | 178 | 37962 | 0.667  | ng | 98   |
| 24) Anthracene                 | 16.90 | 178 | 32336 | 0.687  | ng | 96   |
| 26) Fluoranthene               | 18.84 | 202 | 40755 | 0.670  | ng | 99   |
| 28) Pyrene                     | 19.21 | 202 | 38473 | 0.687  | ng | 99   |
| 30) Benzo(a)anthracene         | 20.97 | 228 | 30224 | 0.702  | ng | 96   |
| 31) Chrysene                   | 21.02 | 228 | 37090 | 0.700  | ng | 100  |
| 32) Bis(2-ethylhexyl)phthalate | 20.93 | 149 | 24430 | 0.603  | ng | 99   |
| 33) Indeno(1,2,3-cd)pyrene     | 25.51 | 276 | 27469 | 0.696  | ng | 96   |
| 35) Benzo(b)fluoranthene       | 22.54 | 252 | 28422 | 0.686  | ng | # 88 |
| 36) Benzo(k)fluoranthene       | 22.59 | 252 | 32782 | 0.700  | ng | 96   |
| 37) Benzo(a)pyrene             | 23.12 | 252 | 23456 | 0.675  | ng | # 93 |
| 38) Dibenzo(a,h)anthracene     | 25.54 | 278 | 23549 | 0.697  | ng | 95   |
| 39) Benzo(g,h,i)perylene       | 26.21 | 276 | 25199 | 0.686  | ng | 92   |

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

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