

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102418\  
 Data File : BE098038.D  
 Acq On : 24 Oct 2018 14:45  
 Operator : SJ/JU  
 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 ICVBE102418

Quant Time: Oct 24 15:16:54 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE102418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 24 13:49:35 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.89  | 152  | 1160     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.69 | 136  | 5576     | 0.40 | ng    | 0.01     |
| 13) Acenaphthene-d10      | 14.56 | 164  | 3833     | 0.40 | ng    | 0.01     |
| 19) Phenanthrene-d10      | 17.29 | 188  | 9241     | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.47 | 240  | 11064    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 24.03 | 264  | 11181    | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.47  | 112 | 1402  | 0.40 | ng | 0.00 |
| 5) Phenol-d6                | 7.07  | 99  | 2275  | 0.39 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 9.04  | 82  | 2369  | 0.40 | ng | 0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.29 | 152 | 3847  | 0.39 | ng | 0.01 |
| 14) 2,4,6-Tribromophenol    | 16.05 | 330 | 713   | 0.37 | ng | 0.01 |
| 15) 2-Fluorobiphenyl        | 13.17 | 172 | 5778  | 0.37 | ng | 0.01 |
| 25) Fluoranthene-d10        | 19.33 | 212 | 45436 | 0.38 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.92 | 244 | 9658  | 0.37 | ng | 0.00 |

|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.38  | 88  | 690   | 0.386  | ng | 94   |
| 3) n-Nitrosodimethylamine      | 3.69  | 42  | 955   | 0.401  | ng | # 76 |
| 6) bis(2-Chloroethyl)ether     | 7.31  | 93  | 1558  | 0.380  | ng | 90   |
| 9) Naphthalene                 | 10.74 | 128 | 21617 | 0.390  | ng | 100  |
| 10) Hexachlorobutadiene        | 11.03 | 225 | 1481  | 0.394  | ng | 97   |
| 12) 2-Methylnaphthalene        | 12.37 | 142 | 3924  | 0.392  | ng | 97   |
| 16) Acenaphthylene             | 14.27 | 152 | 6687  | 0.385  | ng | 100  |
| 17) Acenaphthene               | 14.61 | 154 | 4126  | 0.393  | ng | 98   |
| 18) Fluorene                   | 15.59 | 166 | 5375  | 0.380  | ng | 97   |
| 20) 4-Bromophenyl-phenylether  | 16.49 | 248 | 2214  | 0.397  | ng | 95   |
| 21) Hexachlorobenzene          | 16.60 | 284 | 2298  | 0.395  | ng | 99   |
| 22) Pentachlorophenol          | 16.97 | 266 | 208   | 0.429  | ng | # 78 |
| 23) Phenanthrene               | 17.34 | 178 | 8850  | 0.390  | ng | 99   |
| 24) Anthracene                 | 17.43 | 178 | 8579  | 0.385  | ng | 100  |
| 26) Fluoranthene               | 19.36 | 202 | 10839 | 0.383  | ng | 96   |
| 28) Pyrene                     | 19.72 | 202 | 11510 | 0.377  | ng | 100  |
| 30) Benzo(a)anthracene         | 21.46 | 228 | 12464 | 0.381  | ng | 97   |
| 31) Chrysene                   | 21.51 | 228 | 12059 | 0.380  | ng | 97   |
| 32) Bis(2-ethylhexyl)phthalate | 21.39 | 149 | 29355 | 0.378  | ng | 100  |
| 33) Indeno(1,2,3-cd)pyrene     | 26.73 | 276 | 13173 | 0.380  | ng | # 95 |
| 35) Benzo(b)fluoranthene       | 23.25 | 252 | 11678 | 0.376  | ng | # 92 |
| 36) Benzo(k)fluoranthene       | 23.30 | 252 | 11843 | 0.367  | ng | # 93 |
| 37) Benzo(a)pyrene             | 23.92 | 252 | 11483 | 0.376  | ng | # 93 |
| 38) Dibenzo(a,h)anthracene     | 26.76 | 278 | 10999 | 0.370  | ng | # 93 |
| 39) Benzo(g,h,i)perylene       | 27.55 | 276 | 11078 | 0.376  | ng | # 92 |

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

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