

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111218\  
 Data File : BE098189.D  
 Acq On : 12 Nov 2018 14:13  
 Operator : SJ/JU  
 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 ICVBE111218

Quant Time: Nov 12 14:43:48 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 12 13:32:15 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.86  | 152  | 1292     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.67 | 136  | 6173     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.53 | 164  | 4074     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.28 | 188  | 9525     | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.46 | 240  | 11333    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 24.01 | 264  | 10479    | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.46  | 112 | 1449  | 0.40 | ng | 0.00 |
| 5) Phenol-d6                | 7.05  | 99  | 2175  | 0.37 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 9.03  | 82  | 2468  | 0.40 | ng | 0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.27 | 152 | 4192  | 0.39 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 16.03 | 330 | 602   | 0.34 | ng | 0.01 |
| 15) 2-Fluorobiphenyl        | 13.15 | 172 | 6492  | 0.38 | ng | 0.00 |
| 25) Fluoranthene-d10        | 19.31 | 212 | 44563 | 0.37 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.91 | 244 | 9186  | 0.36 | ng | 0.00 |

|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.37  | 88  | 847   | 0.436  | ng | 86   |
| 3) n-Nitrosodimethylamine      | 3.69  | 42  | 909   | 0.358  | ng | # 90 |
| 6) bis(2-Chloroethyl)ether     | 7.29  | 93  | 1729  | 0.366  | ng | 100  |
| 9) Naphthalene                 | 10.72 | 128 | 24383 | 0.388  | ng | 100  |
| 10) Hexachlorobutadiene        | 11.00 | 225 | 1452  | 0.372  | ng | 96   |
| 12) 2-Methylnaphthalene        | 12.34 | 142 | 4279  | 0.393  | ng | 94   |
| 16) Acenaphthylene             | 14.26 | 152 | 7356  | 0.394  | ng | 99   |
| 17) Acenaphthene               | 14.60 | 154 | 4467  | 0.392  | ng | 100  |
| 18) Fluorene                   | 15.58 | 166 | 5676  | 0.389  | ng | 99   |
| 20) 4-Bromophenyl-phenylether  | 16.48 | 248 | 2299  | 0.396  | ng | # 78 |
| 21) Hexachlorobenzene          | 16.59 | 284 | 2333  | 0.386  | ng | 99   |
| 22) Pentachlorophenol          | 16.94 | 266 | 385   | 0.366  | ng | 94   |
| 23) Phenanthrene               | 17.33 | 178 | 9195  | 0.388  | ng | 100  |
| 24) Anthracene                 | 17.42 | 178 | 8438  | 0.382  | ng | 99   |
| 26) Fluoranthene               | 19.34 | 202 | 11243 | 0.383  | ng | 99   |
| 28) Pyrene                     | 19.71 | 202 | 11494 | 0.369  | ng | 100  |
| 30) Benzo(a)anthracene         | 21.45 | 228 | 11905 | 0.370  | ng | 99   |
| 31) Chrysene                   | 21.50 | 228 | 12130 | 0.371  | ng | 100  |
| 32) Bis(2-ethylhexyl)phthalate | 21.37 | 149 | 23050 | 0.345  | ng | 100  |
| 33) Indeno(1,2,3-cd)pyrene     | 26.70 | 276 | 11361 | 0.379  | ng | 99   |
| 35) Benzo(b)fluoranthene       | 23.23 | 252 | 10935 | 0.368  | ng | 98   |
| 36) Benzo(k)fluoranthene       | 23.28 | 252 | 12123 | 0.386  | ng | 100  |
| 37) Benzo(a)pyrene             | 23.90 | 252 | 10782 | 0.378  | ng | 98   |
| 38) Dibenzo(a,h)anthracene     | 26.73 | 278 | 8979  | 0.370  | ng | 97   |
| 39) Benzo(g,h,i)perylene       | 27.53 | 276 | 9600  | 0.379  | ng | 99   |

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

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