

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102819\  
 Data File : BE100677.D  
 Acq On : 28 Oct 2019 17:14  
 Operator : JU  
 Sample : PB124301BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB124301BS

Quant Time: Oct 29 11:52:36 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 23 16:49:33 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.85  | 152  | 3195     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.63 | 136  | 13326    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.47 | 164  | 8373     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.19 | 188  | 19733    | 0.40 | ng    | -0.01    |
| 27) Chrysene-d12          | 21.35 | 240  | 26456    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.82 | 264  | 31410    | 0.40 | ng    | 0.00     |

|                             |       |     |        |      |    |      |
|-----------------------------|-------|-----|--------|------|----|------|
| System Monitoring Compounds |       |     |        |      |    |      |
| 4) 2-Fluorophenol           | 5.44  | 112 | 3930   | 0.40 | ng | 0.00 |
| 5) Phenol-d6                | 7.01  | 99  | 5433   | 0.39 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.99  | 82  | 4328   | 0.52 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.22 | 152 | 9201   | 0.44 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.94 | 330 | 990    | 0.45 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 13.10 | 172 | 13020  | 0.43 | ng | 0.00 |
| 25) Fluoranthene-d10        | 19.22 | 212 | 114636 | 0.45 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.82 | 244 | 25721  | 0.44 | ng | 0.00 |

|                                |       |     |       |        |    |     |
|--------------------------------|-------|-----|-------|--------|----|-----|
| Target Compounds               |       |     |       | Qvalue |    |     |
| 2) 1,4-Dioxane                 | 3.38  | 88  | 2568  | 0.450  | ng | 95  |
| 3) n-Nitrosodimethylamine      | 3.69  | 42  | 2235  | 0.371  | ng | 90  |
| 6) bis(2-Chloroethyl)ether     | 7.28  | 93  | 5030  | 0.440  | ng | 100 |
| 9) Naphthalene                 | 10.68 | 128 | 62501 | 0.446  | ng | 100 |
| 10) Hexachlorobutadiene        | 10.98 | 225 | 2724  | 0.447  | ng | 98  |
| 12) 2-Methylnaphthalene        | 12.29 | 142 | 10415 | 0.436  | ng | 99  |
| 16) Acenaphthylene             | 14.20 | 152 | 15074 | 0.418  | ng | 100 |
| 17) Acenaphthene               | 14.53 | 154 | 10246 | 0.440  | ng | 100 |
| 18) Fluorene                   | 15.50 | 166 | 13632 | 0.441  | ng | 99  |
| 20) 4-Bromophenyl-phenylether  | 16.40 | 248 | 4469  | 0.445  | ng | 95  |
| 21) Hexachlorobenzene          | 16.50 | 284 | 4374  | 0.457  | ng | 99  |
| 22) Pentachlorophenol          | 16.85 | 266 | 1250  | 0.406  | ng | 97  |
| 23) Phenanthrene               | 17.23 | 178 | 24302 | 0.448  | ng | 100 |
| 24) Anthracene                 | 17.32 | 178 | 21222 | 0.421  | ng | 99  |
| 26) Fluoranthene               | 19.25 | 202 | 32339 | 0.457  | ng | 99  |
| 28) Pyrene                     | 19.60 | 202 | 33464 | 0.453  | ng | 100 |
| 30) Benzo(a)anthracene         | 21.34 | 228 | 37973 | 0.440  | ng | 98  |
| 31) Chrysene                   | 21.39 | 228 | 39373 | 0.457  | ng | 98  |
| 32) Bis(2-ethylhexyl)phthalate | 21.28 | 149 | 67780 | 0.375  | ng | 100 |
| 33) Indeno(1,2,3-cd)pyrene     | 26.43 | 276 | 44592 | 0.421  | ng | 99  |
| 35) Benzo(b)fluoranthene       | 23.07 | 252 | 38682 | 0.422  | ng | 99  |
| 36) Benzo(k)fluoranthene       | 23.12 | 252 | 41215 | 0.438  | ng | 100 |
| 37) Benzo(a)pyrene             | 23.71 | 252 | 35893 | 0.421  | ng | 99  |
| 38) Dibenzo(a,h)anthracene     | 26.45 | 278 | 37408 | 0.425  | ng | 99  |
| 39) Benzo(g,h,i)perylene       | 27.22 | 276 | 38236 | 0.431  | ng | 99  |

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

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