

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061720\  
 Data File : BN010944.D  
 Acq On : 17 Jun 2020 17:11  
 Operator : CG/JU  
 Sample : PB129592BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB129592BS

Quant Time: Jun 17 17:42:05 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 17 13:14:12 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.54  | 152  | 2469     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.29 | 136  | 7528     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.16 | 164  | 4070     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 16.91 | 188  | 8607     | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.12 | 240  | 7917     | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.27 | 264  | 8396     | 0.40 | ng    | 0.00     |

|                             |       |     |      |      |    |      |
|-----------------------------|-------|-----|------|------|----|------|
| System Monitoring Compounds |       |     |      |      |    |      |
| 4) 2-Fluorophenol           | 5.19  | 112 | 1996 | 0.42 | ng | 0.00 |
| 5) Phenol-d6                | 6.74  | 99  | 2187 | 0.39 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.68  | 82  | 2379 | 0.43 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.89 | 152 | 4899 | 0.42 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.67 | 330 | 627  | 0.43 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 12.79 | 172 | 6867 | 0.43 | ng | 0.00 |
| 25) Fluoranthene-d10        | 18.95 | 212 | 9743 | 0.41 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.57 | 244 | 7784 | 0.42 | ng | 0.00 |

|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.22  | 88  | 977   | 0.404  | ng | 98   |
| 3) n-Nitrosodimethylamine      | 3.55  | 42  | 555   | 0.395  | ng | # 95 |
| 6) bis(2-Chloroethyl)ether     | 6.99  | 93  | 2008  | 0.367  | ng | 95   |
| 9) Naphthalene                 | 10.34 | 128 | 7989  | 0.422  | ng | 99   |
| 10) Hexachlorobutadiene        | 10.63 | 225 | 2085  | 0.446  | ng | # 99 |
| 12) 2-Methylnaphthalene        | 11.96 | 142 | 5309  | 0.419  | ng | 99   |
| 16) Acenaphthylene             | 13.88 | 152 | 6999  | 0.420  | ng | 99   |
| 17) Acenaphthene               | 14.22 | 154 | 4815  | 0.424  | ng | 98   |
| 18) Fluorene                   | 15.22 | 166 | 6110  | 0.417  | ng | 98   |
| 20) 4-Bromophenyl-phenylether  | 16.11 | 248 | 2221  | 0.429  | ng | # 82 |
| 21) Hexachlorobenzene          | 16.23 | 284 | 2339  | 0.434  | ng | 99   |
| 22) Pentachlorophenol          | 16.58 | 266 | 721   | 0.398  | ng | 96   |
| 23) Phenanthrene               | 16.95 | 178 | 9628  | 0.410  | ng | 99   |
| 24) Anthracene                 | 17.05 | 178 | 7930  | 0.404  | ng | 99   |
| 26) Fluoranthene               | 18.98 | 202 | 10846 | 0.406  | ng | 99   |
| 28) Pyrene                     | 19.35 | 202 | 10888 | 0.416  | ng | 100  |
| 30) Benzo(a)anthracene         | 21.11 | 228 | 9364  | 0.402  | ng | 99   |
| 31) Chrysene                   | 21.15 | 228 | 11652 | 0.430  | ng | 99   |
| 32) Bis(2-ethylhexyl)phthalate | 21.07 | 149 | 3342  | 0.431  | ng | 97   |
| 33) Indeno(1,2,3-cd)pyrene     | 25.38 | 276 | 13531 | 0.446  | ng | 97   |
| 35) Benzo(b)fluoranthene       | 22.64 | 252 | 11275 | 0.395  | ng | 99   |
| 36) Benzo(k)fluoranthene       | 22.68 | 252 | 12809 | 0.421  | ng | 98   |
| 37) Benzo(a)pyrene             | 23.18 | 252 | 9961  | 0.407  | ng | 96   |
| 38) Dibenzo(a,h)anthracene     | 25.39 | 278 | 10962 | 0.393  | ng | 97   |
| 39) Benzo(g,h,i)perylene       | 26.01 | 276 | 11414 | 0.391  | ng | 98   |

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

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