

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052119\  
 Data File : BE099708.D  
 Acq On : 22 May 2019 2:35  
 Operator : JU/SJ  
 Sample : PB119877BS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB119877BS

Manual Integrations  
 APPROVED

mohammad  
 5/23/2019 8:42:39 AM

Quant Time: May 22 08:51:59 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon May 20 19:29:40 2019

Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.82  | 152  | 1721     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.62 | 136  | 5916     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.49 | 164  | 4016     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.23 | 188  | 11885    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.41 | 240  | 17266    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.96 | 264  | 19921    | 0.40 | ng    | 0.00     |

#### System Monitoring Compounds

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| 4) 2-Fluorophenol           | 5.37  | 112 | 1909  | 0.44 | ng | 0.00  |
| 5) Phenol-d6                | 6.97  | 99  | 2613  | 0.45 | ng | 0.00  |
| 8) Nitrobenzene-d5          | 8.97  | 82  | 2191  | 0.43 | ng | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.21 | 152 | 3916m | 0.38 | ng | -0.01 |
| 14) 2,4,6-Tribromophenol    | 15.97 | 330 | 880   | 0.42 | ng | -0.01 |
| 15) 2-Fluorobiphenyl        | 13.10 | 172 | 6351  | 0.42 | ng | 0.00  |
| 25) Fluoranthene-d10        | 19.26 | 212 | 65483 | 0.40 | ng | 0.00  |
| 29) Terphenyl-d14           | 19.86 | 244 | 14202 | 0.46 | ng | 0.00  |

#### Target Compounds

|                                |       |     |       |       |    | Qvalue |
|--------------------------------|-------|-----|-------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.30  | 88  | 752   | 0.295 | ng | # 69   |
| 3) n-Nitrosodimethylamine      | 3.62  | 42  | 549   | 0.390 | ng | # 78   |
| 6) bis(2-Chloroethyl)ether     | 7.23  | 93  | 2136  | 0.417 | ng | 97     |
| 9) Naphthalene                 | 10.67 | 128 | 27429 | 0.434 | ng | 100    |
| 10) Hexachlorobutadiene        | 10.94 | 225 | 1996  | 0.428 | ng | 96     |
| 12) 2-Methylnaphthalene        | 12.30 | 142 | 4690  | 0.455 | ng | 98     |
| 16) Acenaphthylene             | 14.20 | 152 | 8054  | 0.430 | ng | 100    |
| 17) Acenaphthene               | 14.54 | 154 | 4435  | 0.422 | ng | 97     |
| 18) Fluorene                   | 15.52 | 166 | 6394  | 0.413 | ng | 100    |
| 20) 4-Bromophenyl-phenylether  | 16.43 | 248 | 2874  | 0.419 | ng | 96     |
| 21) Hexachlorobenzene          | 16.53 | 284 | 2972  | 0.424 | ng | 99     |
| 22) Pentachlorophenol          | 16.89 | 266 | 1677  | 0.907 | ng | 92     |
| 23) Phenanthrene               | 17.27 | 178 | 12185 | 0.420 | ng | 100    |
| 24) Anthracene                 | 17.36 | 178 | 11422 | 0.434 | ng | 98     |
| 26) Fluoranthene               | 19.29 | 202 | 19304 | 0.420 | ng | 100    |
| 28) Pyrene                     | 19.65 | 202 | 20058 | 0.462 | ng | 99     |
| 30) Benzo(a)anthracene         | 21.40 | 228 | 24331 | 0.496 | ng | 100    |
| 31) Chrysene                   | 21.45 | 228 | 24619 | 0.469 | ng | 99     |
| 32) Bis(2-ethylhexyl)phthalate | 21.32 | 149 | 30830 | 0.545 | ng | 99     |
| 33) Indeno(1,2,3-cd)pyrene     | 26.65 | 276 | 28623 | 0.452 | ng | 99     |
| 35) Benzo(b)fluoranthene       | 23.17 | 252 | 23740 | 0.435 | ng | 99     |
| 36) Benzo(k)fluoranthene       | 23.22 | 252 | 24814 | 0.436 | ng | 99     |
| 37) Benzo(a)pyrene             | 23.84 | 252 | 23552 | 0.448 | ng | 98     |
| 38) Dibenzo(a,h)anthracene     | 26.67 | 278 | 23703 | 0.430 | ng | 99     |
| 39) Benzo(g,h,i)perylene       | 27.48 | 276 | 24246 | 0.435 | ng | 99     |

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

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