

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112219\  
 Data File : BE100757.D  
 Acq On : 22 Nov 2019 13:55  
 Operator : JU  
 Sample : PB125011BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB125011BS

Manual Integrations  
 APPROVED

mohammad  
 11/25/2019 8:19:15 AM

Quant Time: Nov 22 15:29:13 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112119.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 22 06:40:44 2019

Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.77  | 152  | 5481     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.55 | 136  | 21891    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.40 | 164  | 10378    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.13 | 188  | 22506    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.32 | 240  | 27871    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.77 | 264  | 30057    | 0.40 | ng    | 0.00     |

#### System Monitoring Compounds

|                             |       |     |        |      |    |      |
|-----------------------------|-------|-----|--------|------|----|------|
| 4) 2-Fluorophenol           | 5.38  | 112 | 3863   | 0.26 | ng | 0.00 |
| 5) Phenol-d6                | 6.93  | 99  | 4048   | 0.19 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.90  | 82  | 3782   | 0.54 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.14 | 152 | 11105m | 0.35 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.88 | 330 | 729    | 0.50 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 13.03 | 172 | 18733  | 0.46 | ng | 0.00 |
| 25) Fluoranthene-d10        | 19.17 | 212 | 106034 | 0.38 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.77 | 244 | 27538  | 0.43 | ng | 0.00 |

#### Target Compounds

|                                |       |     |       |       |    | Qvalue |
|--------------------------------|-------|-----|-------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.35  | 88  | 2518  | 0.245 | ng | # 65   |
| 3) n-Nitrosodimethylamine      | 3.65  | 42  | 2211  | 0.402 | ng | # 84   |
| 6) bis(2-Chloroethyl)ether     | 7.20  | 93  | 6755  | 0.376 | ng | 95     |
| 9) Naphthalene                 | 10.59 | 128 | 86906 | 0.374 | ng | 100    |
| 10) Hexachlorobutadiene        | 10.90 | 225 | 2392  | 0.268 | ng | 98     |
| 12) 2-Methylnaphthalene        | 12.21 | 142 | 12834 | 0.349 | ng | 95     |
| 16) Acenaphthylene             | 14.13 | 152 | 15924 | 0.356 | ng | 99     |
| 17) Acenaphthene               | 14.47 | 154 | 10725 | 0.358 | ng | 99     |
| 18) Fluorene                   | 15.43 | 166 | 13726 | 0.359 | ng | 99     |
| 20) 4-Bromophenyl-phenylether  | 16.33 | 248 | 3930  | 0.355 | ng | 89     |
| 21) Hexachlorobenzene          | 16.45 | 284 | 4093  | 0.354 | ng | 98     |
| 22) Pentachlorophenol          | 16.79 | 266 | 1334  | 0.768 | ng | 96     |
| 23) Phenanthrene               | 17.18 | 178 | 25767 | 0.380 | ng | 99     |
| 24) Anthracene                 | 17.27 | 178 | 19689 | 0.337 | ng | 99     |
| 26) Fluoranthene               | 19.19 | 202 | 30312 | 0.365 | ng | 99     |
| 28) Pyrene                     | 19.56 | 202 | 30066 | 0.348 | ng | 100    |
| 30) Benzo(a)anthracene         | 21.31 | 228 | 33508 | 0.356 | ng | 100    |
| 31) Chrysene                   | 21.35 | 228 | 37060 | 0.388 | ng | 99     |
| 32) Bis(2-ethylhexyl)phthalate | 21.26 | 149 | 41095 | 0.307 | ng | 99     |
| 33) Indeno(1,2,3-cd)pyrene     | 26.35 | 276 | 34443 | 0.390 | ng | 99     |
| 35) Benzo(b)fluoranthene       | 23.02 | 252 | 34143 | 0.362 | ng | 99     |
| 36) Benzo(k)fluoranthene       | 23.07 | 252 | 36348 | 0.370 | ng | 100    |
| 37) Benzo(a)pyrene             | 23.66 | 252 | 28408 | 0.342 | ng | 99     |
| 38) Dibenzo(a,h)anthracene     | 26.38 | 278 | 28450 | 0.325 | ng | 100    |
| 39) Benzo(g,h,i)perylene       | 27.14 | 276 | 31725 | 0.383 | ng | 99     |

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

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