

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE012220\  
 Data File : BE101121.D  
 Acq On : 22 Jan 2020 19:10  
 Operator : CG/JU  
 Sample : L1179-06  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 DUP-20200116

Manual Integrations  
 APPROVED

mohammad  
 1/23/2020 1:53:51 PM

Quant Time: Jan 23 10:14:01 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jan 08 18:36:25 2020

Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.71  | 152  | 3426     | 0.40 | ng    | -0.02    |
| 7) Naphthalene-d8         | 10.50 | 136  | 15137    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.36 | 164  | 22263    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.10 | 188  | 21197    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.28 | 240  | 19274    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.70 | 264  | 21535    | 0.40 | ng    | 0.00     |

#### System Monitoring Compounds

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| 4) 2-Fluorophenol           | 5.32  | 112 | 21695 | 2.81 | ng | -0.02 |
| 5) Phenol-d6                | 6.92  | 99  | 3262  | 0.33 | ng | 0.00  |
| 8) Nitrobenzene-d5          | 8.86  | 82  | 6356m | 0.59 | ng | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.09 | 152 | 9176  | 0.32 | ng | -0.01 |
| 14) 2,4,6-Tribromophenol    | 15.85 | 330 | 1748  | 0.28 | ng | 0.00  |
| 15) 2-Fluorobiphenyl        | 12.99 | 172 | 12437 | 0.15 | ng | -0.01 |
| 25) Fluoranthene-d10        | 19.14 | 212 | 87780 | 0.30 | ng | 0.01  |
| 29) Terphenyl-d14           | 19.73 | 244 | 16366 | 0.35 | ng | 0.00  |

#### Target Compounds

|                                |       |     |          |         |    | Qvalue |
|--------------------------------|-------|-----|----------|---------|----|--------|
| 2) 1,4-Dioxane                 | 3.27  | 88  | 1497     | 0.083   | ng | # 1    |
| 9) Naphthalene                 | 10.55 | 128 | 62733142 | 373.243 | ng | # 97   |
| 12) 2-Methylnaphthalene        | 12.17 | 142 | 792134   | 31.157  | ng | 100    |
| 16) Acenaphthylene             | 14.08 | 152 | 39698    | 0.438   | ng | # 91   |
| 17) Acenaphthene               | 14.41 | 154 | 80082    | 1.234   | ng | 94     |
| 18) Fluorene                   | 15.39 | 166 | 486676   | 5.932   | ng | 98     |
| 23) Phenanthrene               | 17.14 | 178 | 454123   | 7.846   | ng | 99     |
| 24) Anthracene                 | 17.23 | 178 | 65224m   | 1.194   | ng |        |
| 26) Fluoranthene               | 19.18 | 202 | 67080    | 0.925   | ng | 100    |
| 28) Pvrene                     | 19.52 | 202 | 39231    | 0.547   | ng | 97     |
| 30) Benzo(a)anthracene         | 21.26 | 228 | 3405     | 0.062   | ng | # 50   |
| 31) Chrysene                   | 21.31 | 228 | 2734     | 0.033   | ng | # 31   |
| 32) Bis(2-ethylhexyl)phthalate | 21.20 | 149 | 38549    | 0.421   | ng | 100    |
| 35) Benzo(b)fluoranthene       | 22.96 | 252 | 1598     | 0.026   | ng | # 1    |

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

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