

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111918\  
 Data File : BE098250.D  
 Acq On : 19 Nov 2018 12:59  
 Operator : SJ/JU  
 Sample : J5968-02  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 MW-2-111418

Manual Integrations  
 APPROVED

Sohil  
 11/20/2018 12:34:14 PM

Quant Time: Nov 20 10:06:46 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 16 19:05:33 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.87  | 152  | 1399     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.67 | 136  | 6400     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.53 | 164  | 4813     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.28 | 188  | 10028    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.46 | 240  | 11240    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 24.00 | 264  | 10849    | 0.40 | ng    | -0.01    |

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| System Monitoring Compounds |       |     |       |      |    |       |
| 4) 2-Fluorophenol           | 5.45  | 112 | 1083  | 0.29 | ng | -0.01 |
| 5) Phenol-d6                | 7.04  | 99  | 731   | 0.12 | ng | 0.00  |
| 8) Nitrobenzene-d5          | 9.02  | 82  | 2757m | 0.46 | ng | 0.00  |
| 11) 2-Methylnaphthalene-d10 | 12.27 | 152 | 4593  | 0.41 | ng | 0.00  |
| 14) 2,4,6-Tribromophenol    | 16.02 | 330 | 1039  | 0.67 | ng | -0.01 |
| 15) 2-Fluorobiphenyl        | 13.15 | 172 | 9881  | 0.47 | ng | 0.00  |
| 25) Fluoranthene-d10        | 19.31 | 212 | 56613 | 0.46 | ng | 0.00  |
| 29) Terphenyl-d14           | 19.91 | 244 | 13155 | 0.51 | ng | 0.00  |

|                                |       |     |         |        |    |      |
|--------------------------------|-------|-----|---------|--------|----|------|
| Target Compounds               |       |     |         | Qvalue |    |      |
| 9) Naphthalene                 | 10.72 | 128 | 4572920 | 70.166 | ng | 99   |
| 12) 2-Methylnaphthalene        | 12.34 | 142 | 446609  | 38.902 | ng | 94   |
| 16) Acenaphthylene             | 14.25 | 152 | 1190    | 0.052  | ng | # 1  |
| 17) Acenaphthene               | 14.59 | 154 | 1882    | 0.138  | ng | # 87 |
| 18) Fluorene                   | 15.57 | 166 | 2464    | 0.141  | ng | # 92 |
| 22) Pentachlorophenol          | 16.94 | 266 | 58      | 0.146  | ng | 86   |
| 23) Phenanthrene               | 17.32 | 178 | 3046    | 0.118  | ng | # 86 |
| 24) Anthracene                 | 17.41 | 178 | 545     | 0.023  | ng | # 75 |
| 26) Fluoranthene               | 19.34 | 202 | 895     | 0.029  | ng | # 89 |
| 28) Pvrene                     | 19.70 | 202 | 943     | 0.029  | ng | # 84 |
| 30) Benzo(a)anthracene         | 21.45 | 228 | 937     | 0.029  | ng | # 58 |
| 31) Chrysene                   | 21.50 | 228 | 801     | 0.024  | ng | # 65 |
| 32) Bis(2-ethylhexyl)phthalate | 21.37 | 149 | 9094    | 0.179  | ng | # 99 |
| 33) Indeno(1,2,3-cd)pyrene     | 26.70 | 276 | 985     | 0.034  | ng | # 78 |
| 39) Benzo(a,h,i)perylene       | 27.52 | 276 | 908     | 0.035  | ng | # 54 |

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

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