

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101617\  
 Data File : BG029299.D  
 Acq On : 17 Oct 2017 9:19  
 Operator : SJ/JU  
 Sample : I5906-20  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WH-TWS-10

Manual Integrations  
 APPROVED

Sohil  
 10/17/2017 5:04:22 PM

Quant Time: Oct 17 15:07:20 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 16 17:32:15 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.17  | 152  | 69055    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.99 | 136  | 336519   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.79 | 164  | 213998   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.53 | 188  | 476653   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.80 | 240  | 517354   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.11 | 264  | 536257   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.72  | 112 | 604446  | 146.23 | ng | 0.00 |
| 7) Phenol-d6             | 7.32  | 99  | 754504  | 130.04 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.33  | 82  | 560718  | 105.88 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.27 | 330 | 442276  | 160.07 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.42 | 172 | 1389690 | 95.24  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.12 | 244 | 1988350 | 87.43  | ng | 0.00 |

## Target Compounds

|                         |       |     |         |        |    | Qvalue |
|-------------------------|-------|-----|---------|--------|----|--------|
| 10) Phenol              | 7.35  | 94  | 15001   | 2.398  | ng | # 74   |
| 20) 3+4-Methylphenols   | 8.94  | 107 | 13517   | 2.309  | ng | # 43   |
| 27) 2,4-Dimethylphenol  | 10.15 | 122 | 19139   | 3.717  | ng | 85     |
| 31) Naphthalene         | 11.04 | 128 | 1302628 | 77.669 | ng | 98     |
| 32) Benzoic acid        | 10.25 | 122 | 30298   | 7.028  | ng | 91     |
| 37) 2-Methylnaphthalene | 12.63 | 142 | 401428  | 32.841 | ng | 92     |
| 45) 1,1'-Biphenyl       | 13.62 | 154 | 115502  | 6.279  | ng | 97     |
| 48) Acenaphthylene      | 14.51 | 152 | 92985   | 4.428  | ng | # 93   |
| 51) Acenaphthene        | 14.85 | 154 | 379975  | 27.813 | ng | 98     |
| 54) Dibenzofuran        | 15.19 | 168 | 620673  | 31.824 | ng | 99     |
| 57) Fluorene            | 15.83 | 166 | 384032  | 23.836 | ng | 96     |
| 70) Phenanthrene        | 17.57 | 178 | 997383  | 40.504 | ng | 98     |
| 71) Anthracene          | 17.63 | 178 | 214857m | 8.690  | ng |        |
| 72) Carbazole           | 17.93 | 167 | 1186596 | 49.958 | ng | 97     |
| 74) Fluoranthene        | 19.56 | 202 | 213616  | 7.417  | ng | 99     |
| 77) Pyrene              | 19.92 | 202 | 131332  | 4.185  | ng | 98     |

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

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