

Data Path : Z:\HPCHEM1\BNA G\Data\BG092017\  
 Data File : BG028832.D  
 Acq On : 20 Sep 2017 15:16  
 Operator : SJ/JU  
 Sample : I5113-06RE  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 RL-3-0-11.75-SPLPRE

Manual Integrations  
 APPROVED

Sohil  
 9/22/2017 3:58:05 PM

Quant Time: Sep 21 03:42:28 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 16:57:11 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.29  | 152  | 32230    | 20.00  | ng    | -0.04    |
| 21) Naphthalene-d8          | 11.11 | 136  | 137126   | 20.00  | ng    | -0.04    |
| 38) Acenaphthene-d10        | 14.91 | 164  | 102221   | 20.00  | ng    | -0.04    |
| 63) Phenanthrene-d10        | 17.66 | 188  | 276733   | 20.00  | ng    | -0.04    |
| 75) Chrysene-d12            | 21.98 | 240  | 304969   | 20.00  | ng    | -0.05    |
| 86) Perylene-d12            | 25.45 | 264  | 313489   | 20.00  | ng    | -0.07    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.86  | 112  | 275154   | 140.87 | ng    | -0.04    |
| 7) Phenol-d6                | 7.45  | 99   | 231963   | 78.88  | ng    | -0.04    |
| 23) Nitrobenzene-d5         | 9.46  | 82   | 510912   | 178.24 | ng    | -0.04    |
| 41) 2,4,6-Tribromophenol    | 16.41 | 330  | 520056   | 307.60 | ng    | -0.03    |
| 44) 2-Fluorobiphenyl        | 13.53 | 172  | 1288019  | 168.02 | ng    | -0.03    |
| 78) Terphenyl-d14           | 20.25 | 244  | 2285490  | 159.82 | ng    | -0.03    |
| Target Compounds            |       |      |          |        |       |          |
| 31) Naphthalene             | 11.16 | 128  | 103811   | 14.495 | ng    | 96       |
| 32) Benzoic acid            | 10.44 | 122  | 2171     | 7.167  | ng    | # 81     |
| 37) 2-Methylnaphthalene     | 12.74 | 142  | 37241    | 6.965  | ng    | 96       |
| 51) Acenaphthene            | 14.97 | 154  | 64202    | 10.716 | ng    | 95       |
| 54) Dibenzofuran            | 15.31 | 168  | 54560    | 5.711  | ng    | 91       |
| 57) Fluorene                | 15.95 | 166  | 68968    | 8.086  | ng    | 97       |
| 70) Phenanthrene            | 17.70 | 178  | 177695m  | 12.557 | ng    |          |
| 71) Anthracene              | 17.79 | 178  | 33350    | 2.333  | ng    | 96       |
| 72) Carbazole               | 18.06 | 167  | 224361   | 17.426 | ng    | 93       |

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

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