

Data Path : U:\HPCHEM1\BNA G\DATA\BG122617\  
 Data File : BG031758.D  
 Acq On : 26 Dec 2017 12:52  
 Operator : SJ/JU  
 Sample : I7037-02  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 VNJ-221-OILY-STONES

Manual Integrations  
 APPROVED

Sohil  
 12/27/2017 1:56:42 PM

Quant Time: Dec 26 13:34:16 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 22 11:08:55 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.81  | 152  | 52880    | 20.00  | ng    | -0.03    |
| 21) Naphthalene-d8          | 11.70 | 136  | 206511   | 20.00  | ng    | -0.03    |
| 38) Acenaphthene-d10        | 15.44 | 164  | 134534   | 20.00  | ng    | -0.03    |
| 63) Phenanthrene-d10        | 18.17 | 188  | 353176   | 20.00  | ng    | -0.03    |
| 75) Chrysene-d12            | 22.51 | 240  | 430167   | 20.00  | ng    | -0.06    |
| 86) Perylene-d12            | 26.27 | 264  | 453478   | 20.00  | ng    | -0.09    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 6.23  | 112  | 422263   | 145.44 | ng    | -0.02    |
| 7) Phenol-d6                | 7.91  | 99   | 471445   | 125.07 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 10.01 | 82   | 306279   | 111.99 | ng    | -0.03    |
| 41) 2,4,6-Tribromophenol    | 16.91 | 330  | 380274   | 185.25 | ng    | -0.03    |
| 44) 2-Fluorobiphenyl        | 14.07 | 172  | 1080561  | 100.81 | ng    | -0.03    |
| 78) Terphenyl-d14           | 20.70 | 244  | 2053567  | 109.07 | ng    | -0.03    |
| Target Compounds            |       |      |          |        |       |          |
| 31) Naphthalene             | 11.75 | 128  | 1039687  | 99.758 | ng    | 99       |
| 37) 2-Methylnaphthalene     | 13.30 | 142  | 58459    | 6.919  | ng    | 88       |
| 54) Dibenzofuran            | 15.83 | 168  | 35537    | 2.525  | ng    | 98       |
| 57) Fluorene                | 16.47 | 166  | 33085    | 2.893  | ng    | 98       |
| 70) Phenanthrene            | 18.21 | 178  | 57991    | 2.901  | ng    | 96       |
| 72) Carbazole               | 18.56 | 167  | 44877    | 2.515  | ng    | 93       |

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

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