

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\  
 Data File : BG032538.D  
 Acq On : 5 Feb 2018 17:47  
 Operator : SJ/JU  
 Sample : J1161-01  
 Misc : LOD 5PPM  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT1-2018

Manual Integrations  
 APPROVED

Sohil  
 2/6/2018 2:35:04 PM

Quant Time: Feb 06 10:03:26 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 29 15:32:55 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.71  | 152  | 22516    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.59 | 136  | 94194    | 20.00  | ng    | -0.01    |
| 38) Acenaphthene-d10        | 15.34 | 164  | 48979    | 20.00  | ng    | -0.01    |
| 63) Phenanthrene-d10        | 18.07 | 188  | 192635   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12            | 22.40 | 240  | 243733   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 26.08 | 264  | 264622   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 6.15  | 112  | 142389   | 127.02 | ng    | 0.00     |
| 7) Phenol-d6                | 7.83  | 99   | 183291   | 122.53 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.91  | 82   | 85318    | 56.57  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 16.82 | 330  | 180892   | 194.02 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 13.97 | 172  | 487592   | 118.32 | ng    | -0.02    |
| 78) Terphenyl-d14           | 20.61 | 244  | 1011355  | 88.88  | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       |          |
| 2) 1,4-Dioxane              | 3.81  | 88   | 1416     | 3.754  | ng    | # 79     |
| 3) Pyridine                 | 4.27  | 79   | 3153     | 3.096  | ng    | # 75     |
| 4) n-Nitrosodimethylamine   | 4.18  | 42   | 1699     | 3.205  | ng    | # 51     |
| 32) Benzoic acid            | 10.83 | 122  | 565      | 7.791  | ng    | # 11     |
| 35) Caprolactam             | 12.46 | 113  | 1277m    | 2.654  | ng    |          |
| 52) 3-Nitroaniline          | 15.24 | 138  | 2184     | 2.638  | ng    | # 89     |
| 55) 4-Nitrophenol           | 15.55 | 139  | 1778     | 2.869  | ng    | # 64     |

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

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