Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040715\
Data File : BM000896.D
Acq On : 08 Apr 2015 01:57
Operator : TP/IZ
Sample : G1614-04
Misc : LOO-SOIL-0.2PPM
ALS Vial : 56 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** LOQ-SOIL2015-02

**Manual Integrations APPROVED**
apatel
4/9/2015 8:11:38 AM

Quant Time: Apr 08 05:46:04 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-BM040715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 07 15:59:39 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.59 | 152 | 27560 | 5.00 | ng | | -0.04 |
| 11) Naphthalene-d8 | 10.39 | 136 | 138725 | 5.00 | ng | | 0.00 |
| 19) Acenaphthene-d10 | 14.26 | 164 | 76577 | 5.00 | ng | | 0.00 |
| 26) Phenanthrene-d10 | 17.00 | 188 | 193994 | 5.00 | ng | | 0.00 |
| 30) Chrysene-d12 | 21.19 | 240 | 139872 | 5.00 | ng | | 0.00 |
| 34) Perylene-d12 | 23.39 | 264 | 129490 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.19 | 112 | 124468 | 13.46 | ng | | -0.02 |
| 5) Phenol-d6 | 6.77 | 99 | 218746 | 11.52 | ng | | 0.00 |
| 12) Nitrobenzene-d5 | 8.73 | 82 | 63519 | 9.18 | ng | | -0.04 |
| 20) 2,4,6-Tribromophenol | 15.77 | 330 | 31870 | 9.93 | ng | | 0.02 |
| 23) 2-Fluorobiphenyl | 12.87 | 172 | 249851 | 10.58 | ng | | 0.00 |
| 32) Terphenyl-d14 | 19.65 | 244 | 193966 | 11.24 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.12 | 88 | 779 | 0.07 | ng | # | 70 |
| 3) n-Nitrosodimethylamine | 3.46 | 42 | 483 | 0.30 | ng | # | 5 |
| 6) 2-Chlorophenol | 7.17 | 128 | 1969 | 0.30 | ng | | 91 |
| 7) Phenol | 6.81 | 94 | 1381 | 0.12 | ng | | 75 |
| 8) bis(2-Chloroethyl)ether | 7.02 | 93 | 1627 | 0.30 | ng | # | 78 |
| 9) 2-Methylphenol | 8.06 | 107 | 1124 | 0.13 | ng | # | 93 |
| 10) 3+4-Methylphenols | 8.38 | 107 | 1428 | 0.32 | ng | | 94 |
| 13) Nitrobenzene | 8.80 | 77 | 1274 | 0.18 | ng | # | 58 |
| 14) 2-Nitrophenol | 9.52 | 139 | 412m | 0.22 | ng | | |
| 15) 2,4-Dimethylphenol | 9.58 | 122 | 868 | 0.11 | ng | | 88 |
| 16) 2,4-Dichlorophenol | 10.04 | 162 | 1046 | 0.32 | ng | | 86 |
| 17) Hexachlorobutadiene | 10.72 | 225 | 874 | 0.14 | ng | | 98 |
| 18) 4-Chloro-3-methylphenol | 11.69 | 107 | 965 | 0.32 | ng | # | 79 |
| 21) 2,4,6-Trichlorophenol | 12.69 | 196 | 591 | 0.33 | ng | # | 96 |
| 22) 2,4,5-Trichlorophenol | 12.77 | 196 | 681m | 0.29 | ng | | |
| 25) 4-Nitrophenol | 14.52 | 139 | 93 | 0.19 | ng | | 81 |
| 27) 4,6-Dinitro-2-methylphenol | 15.41 | 198 | 75 | 0.20 | ng | # | 1 |
| 28) Hexachlorobenzene | 16.33 | 284 | 982 | 0.08 | ng | # | 75 |
| 29) Pentachlorophenol | 16.67 | 266 | 91 | 0.55 | ng | # | 83 |
| 31) Benzidine | 19.28 | 184 | 671 | 0.12 | ng | # | 58 |
| 33) 3,3'-Dichlorobenzidine | 21.13 | 252 | 1270 | 0.15 | ng | # | 86 |

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

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