Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072617\
Data File : BM010972.D
Acq On : 26 Jul 2017 16:00
Operator : SJ/JU
Sample : I4351-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** 0535

Quant Time: Jul 26 17:02:17 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 17:01:37 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.39 | 152 | 253924 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.15 | 136 | 1037235 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.05 | 164 | 705368 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 16.81 | 188 | 1716839 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.03 | 240 | 1820543 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.14 | 264 | 1318822 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.03 | 112 | 2151615 | 143.24 | ng | | 0.00 |
| 7) Phenol-d6 | 6.60 | 99 | 3041434 | 142.51 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.55 | 82 | 2340899 | 84.70 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.56 | 330 | 1618797 | 143.19 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 12.66 | 172 | 4967722 | 88.33 | ng | | 0.00 |
| 78) Terphenyl-d14 | 19.47 | 244 | 8088607 | 88.01 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 8) 2-Chlorophenol | 6.97 | 128 | 2733992 | 179.273 | ng | | 85 |
| 10) Phenol | 6.63 | 94 | 2507825 | 108.184 | ng | | 97 |
| 17) 2-Methylphenol | 7.85 | 107 | 2040466 | 137.726 | ng | # | 81 |
| 20) 3+4-Methylphenols | 8.17 | 107 | 3051683 | 148.179 | ng | | 85 |
| 27) 2,4-Dimethylphenol | 9.36 | 122 | 831354 | 51.827 | ng | # | 73 |
| 29) 2,4-Dichlorophenol | 9.81 | 162 | 822434 | 45.627 | ng | | 91 |
| 36) 4-Chloro-3-methylphenol | 11.46 | 107 | 1466382 | 63.003 | ng | # | 75 |
| 42) 2,4,6-Trichlorophenol | 12.47 | 196 | 1988193 | 108.392 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 12.53 | 196 | 3341592 | 176.880 | ng | # | 87 |
| 55) 4-Nitrophenol | 14.30 | 139 | 862452 | 92.707 | ng | | 98 |
| 64) 4,6-Dinitro-2-methylphenol | 15.20 | 198 | 666480 | 57.343 | ng | | 87 |
| 69) Pentachlorophenol | 16.46 | 266 | 1374669 | 86.820 | ng | | 98 |

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

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