Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082919\
Data File : BM022424.D
Acq On : 30 Aug 2019 01:02
Operator : HP/JU
Sample : K4439-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** S-4A-(1-3)

Quant Time: Aug 30 08:47:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 16:51:32 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.52 | 152 | 18501 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.30 | 136 | 67758 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.19 | 164 | 43753 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.95 | 188 | 95655 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.17 | 240 | 132622 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 23.36 | 264 | 158736 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.15 | 112 | 113721 | 107.90 | ng | | 0.00 |
| 7) Phenol-d6 | 6.72 | 99 | 150142 | 106.52 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.69 | 82 | 105696 | 68.32 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.70 | 330 | 78374 | 87.54 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.79 | 172 | 206109 | 53.37 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.60 | 244 | 406671 | 40.47 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Phenol | 6.75 | 94 | 4805 | 3.393 | ng | # | 61 |
| 50) Dimethylphthalate | 13.66 | 163 | 27612 | 7.256 | ng | | 99 |
| 71) Phenanthrene | 16.99 | 178 | 19934 | 3.575 | ng | | 98 |
| 75) Fluoranthene | 19.03 | 202 | 52430 | 7.061 | ng | | 97 |
| 78) Pyrene | 19.39 | 202 | 55395 | 6.129 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.15 | 228 | 36780 | 3.864 | ng | | 94 |
| 83) Chrysene | 21.20 | 228 | 34027 | 3.756 | ng | | 94 |
| 86) Indeno(1,2,3-cd)pyrene | 25.53 | 276 | 22532 | 2.472 | ng | # | 82 |
| 88) Benzo(b)fluoranthene | 22.70 | 252 | 44450 | 4.031 | ng | # | 93 |
| 90) Benzo(a)pyrene | 23.26 | 252 | 32310 | 3.301 | ng | # | 91 |
| 92) Benzo(g,h,i)perylene | 26.20 | 276 | 27843 | 3.273 | ng | # | 91 |

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

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