Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
Data File : BM024656.D
Acq On : 29 Jan 2020 18:41
Operator : CG/JU
Sample : L1013-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** PL-05-012820

**Manual Integrations APPROVED**
mohammad
1/30/2020 10:19:09 AM

Quant Time: Jan 30 04:02:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.45 | 152 | 440559 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.20 | 136 | 1683333 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.09 | 164 | 1018027 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.84 | 188 | 1802749 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.06 | 240 | 1419159 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 23.17 | 264 | 1679972 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.09 | 112 | 1017548 | 43.92 | ng | | 0.00 |
| 7) Phenol-d6 | 6.65 | 99 | 1314364 | 41.19 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.58 | 82 | 842632 | 24.55 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.59 | 330 | 614355 | 37.10 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.70 | 172 | 2218397 | 29.63 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.50 | 244 | 2307481 | 30.35 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 50) Dimethylphthalate | 13.56 | 163 | 366395 | 4.451 | ng | | 98 |
| 71) Phenanthrene | 16.89 | 178 | 330332 | 3.384 | ng | | 97 |
| 75) Fluoranthene | 18.92 | 202 | 806282 | 6.617 | ng | | 98 |
| 78) Pyrene | 19.28 | 202 | 750519 | 8.022 | ng | | 99 |
| 81) Benzo(a)anthracene | 21.04 | 228 | 398040 | 4.041 | ng | # | 90 |
| 83) Chrysene | 21.09 | 228 | 376606m | 4.007 | ng | | |
| 86) Indeno(1,2,3-cd)pyrene | 25.25 | 276 | 294659 | 2.876 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 22.56 | 252 | 567336m | 5.207 | ng | | |
| 90) Benzo(a)pyrene | 23.09 | 252 | 422177 | 4.262 | ng | # | 85 |
| 92) Benzo(g,h,i)perylene | 25.88 | 276 | 302199 | 3.540 | ng | | 95 |

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

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