Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001867.D
Acq On : 24 Feb 2020 18:52
Operator : CG/JU
Sample : L1536-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 25 11:15:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 25 05:55:24 2020
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
CB6X1

**Manual Integrations APPROVED**
mohammad
2/25/2020 3:42:24 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.65 | 152 | 326910 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.43 | 136 | 1408018 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.29 | 164 | 915109 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.04 | 188 | 2040280 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.13 | 240 | 1808927 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.34 | 264 | 1728783 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.17 | 96 | 46050 | 5.85 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.83 | 99 | 922223 | 37.33 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.99 | 67 | 515831 | 35.94 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.19 | 132 | 812360 | 40.69 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.36 | 113 | 696899 | 35.57 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.79 | 128 | 413135 | 43.34 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.51 | 143 | 465711 | 54.03 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.05 | 165 | 852484 | 41.59 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.56 | 131 | 1001892 | 41.32 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.70 | 166 | 2686791 | 41.84 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.97 | 160 | 3274936 | 41.42 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.49 | 143 | 453829 | 40.59 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.29 | 176 | 2406205 | 41.66 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 366649 | 45.58 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.14 | 188 | 3398745 | 37.81 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.39 | 212 | 4082690 | 43.98 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.21 | 264 | 3685345 | 44.14 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 10.48 | 128 | 103711 | 1.378 | ng/ul | 99 |
| 45) Dimethylphthalate | 13.75 | 163 | 86628 | 1.282 | ng/ul | 98 |
| 48) Acenaphthylene | 14.00 | 152 | 135476 | 1.579 | ng/ul | 99 |
| 50) Acenaphthene | 14.35 | 153 | 109482 | 1.868 | ng/ul | 97 |
| 54) Dibenzofuran | 14.69 | 168 | 103399 | 1.252 | ng/ul | 99 |
| 59) Fluorene | 15.34 | 166 | 118267 | 1.801 | ng/ul | 100 |
| 70) Phenanthrene | 17.08 | 178 | 1895051 | 16.842 | ng/ul | 100 |
| 72) Anthracene | 17.17 | 178 | 407534 | 3.667 | ng/ul | 99 |
| 75) Carbazole | 17.44 | 167 | 163392 | 1.763 | ng/ul | 99 |
| 77) Fluoranthene | 19.06 | 202 | 3124780m | 25.934 | ng/ul | |
| 80) Pyrene | 19.42 | 202 | 2671495 | 21.712 | ng/ul | 95 |
| 83) Benzo(a)anthracene | 21.12 | 228 | 1519792 | 12.758 | ng/ul | 98 |
| 85) Chrysene | 21.17 | 228 | 1447122 | 12.435 | ng/ul | 98 |
| 88) Benzo(b)fluoranthene | 22.69 | 252 | 1887040 | 18.550 | ng/ul | 100 |
| 89) Benzo(k)fluoranthene | 22.72 | 252 | 535369m | 5.077 | ng/ul | |
| 91) Benzo(a)pyrene | 23.25 | 252 | 1148686 | 12.049 | ng/ul | 100 |
| 92) Indeno(1,2,3-cd)pyrene | 25.58 | 276 | 850460 | 7.142 | ng/ul# | 95 |
| 93) Dibenzo(a,h)anthracene | 25.59 | 278 | 227409 | 2.274 | ng/ul# | 95 |
| 94) Benzo(g,h,i)perylene | 26.26 | 276 | 685550 | 6.772 | ng/ul | 97 |

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

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