Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001802.D
Acq On : 20 Feb 2020 15:02
Operator : CG/JU
Sample : L1418-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 21 07:00:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 21 06:37:37 2020
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
C5AT9

**Manual Integrations APPROVED**
mohammad
2/21/2020 2:18:11 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.66 | 152 | 316799 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.43 | 136 | 1303375 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.29 | 164 | 803544 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.05 | 188 | 1769285 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.13 | 240 | 1850261 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.35 | 264 | 1952169 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.18 | 96 | 31952 | 4.19 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.83 | 99 | 588487 | 24.58 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.00 | 67 | 343789 | 24.72 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.19 | 132 | 503618 | 26.03 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.36 | 113 | 370343 | 19.50 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.80 | 128 | 230801 | 26.16 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.52 | 143 | 228684 | 28.66 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.05 | 165 | 470780 | 24.81 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.56 | 131 | 421713 | 18.79 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.70 | 166 | 1484709 | 26.33 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.98 | 160 | 1825213 | 26.29 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.49 | 143 | 169711 | 17.28 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.29 | 176 | 1362651 | 26.87 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 95643m | 13.71 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.14 | 188 | 2052755 | 26.34 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.39 | 212 | 2511370 | 26.45 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.21 | 264 | 2677178 | 28.40 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.86 | 94 | 31279 | 1.233 | ng/ul | 96 |
| 45) Dimethylphthalate | 13.75 | 163 | 208451 | 3.512 | ng/ul | 99 |
| 70) Phenanthrene | 17.09 | 178 | 685376 | 7.024 | ng/ul | 99 |
| 72) Anthracene | 17.17 | 178 | 129284 | 1.341 | ng/ul | 99 |
| 77) Fluoranthene | 19.06 | 202 | 910226 | 8.712 | ng/ul | 98 |
| 80) Pyrene | 19.41 | 202 | 781121 | 6.207 | ng/ul | 99 |
| 83) Benzo(a)anthracene | 21.12 | 228 | 421671 | 3.461 | ng/ul | 100 |
| 85) Chrysene | 21.17 | 228 | 434985 | 3.654 | ng/ul | 96 |
| 88) Benzo(b)fluoranthene | 22.69 | 252 | 524721 | 4.568 | ng/ul | 98 |
| 89) Benzo(k)fluoranthene | 22.73 | 252 | 175916m | 1.477 | ng/ul | |
| 91) Benzo(a)pyrene | 23.25 | 252 | 373752 | 3.472 | ng/ul | 99 |
| 92) Indeno(1,2,3-cd)pyrene | 25.57 | 276 | 230166 | 1.712 | ng/ul | 97 |
| 94) Benzo(g,h,i)perylene | 26.26 | 276 | 199400 | 1.744 | ng/ul | 98 |

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

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