Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024098.D
Acq On : 13 Dec 2019 19:00
Operator : JU
Sample : K6167-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFR92

Manual Integrations APPROVED
mohammad
12/16/2019 12:26:08 PM

Quant Time: Dec 14 01:12:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 14 00:26:31 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.47 | 152 | 331642 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.24 | 136 | 1315561 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.13 | 164 | 769597 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.89 | 188 | 1554533 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.09 | 240 | 1493689 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.23 | 264 | 1828677 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.03 | 96 | 46474 | 6.23 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.67 | 99 | 169164 | 5.82 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.82 | 67 | 486138 | 28.76 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.01 | 132 | 515205 | 22.93 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.19 | 113 | 324417 | 14.15 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.62 | 128 | 293534 | 28.75 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.34 | 143 | 332839 | 28.68 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.87 | 165 | 585945 | 26.66 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.41 | 131 | 25728m | 1.07 | ng/ul | 0.02 |
| 44) Dimethylphthalate-d6 | 13.55 | 166 | 1855197 | 31.02 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.82 | 160 | 2247973 | 32.08 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.39 | 143 | 58086 | 5.78 | ng/ul | 0.02 |
| 58) Fluorene-d10 | 15.13 | 176 | 1618646 | 32.17 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.28 | 200 | 279826 | 28.67 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 16.98 | 188 | 2445861 | 32.94 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.29 | 212 | 2610154 | 33.82 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.10 | 264 | 3238919 | 33.51 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.06 | 88 | 45933 | 5.746 | ng/uL | 97 |
| 6) Phenol | 6.70 | 94 | 45393 | 1.518 | ng/ul | 94 |
| 45) Dimethylphthalate | 13.60 | 163 | 113852 | 1.945 | ng/ul | 97 |

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

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