Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019764.D
Acq On : 06 Apr 2019 00:10
Operator : JU/SJ
Sample : K2269-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
C0BR2

**Manual Integrations APPROVED**
Sohil
4/8/2019 6:11:24 PM

Quant Time: Apr 06 01:27:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 06 00:13:11 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.56 | 152 | 158981 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.34 | 136 | 729364 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.22 | 164 | 431498 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.98 | 188 | 967703 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.19 | 240 | 906021 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.39 | 264 | 810849 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.12 | 96 | 14777m | 3.64 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.75 | 99 | 88893 | 6.28 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.92 | 67 | 231894 | 24.47 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.09 | 132 | 251771 | 23.46 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.27 | 113 | 171437 | 16.13 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.73 | 128 | 153289 | 29.46 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.45 | 143 | 178653 | 30.85 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.97 | 165 | 300568 | 27.51 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.51 | 131 | 16682 | 1.27 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.64 | 166 | 1124418 | 32.30 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.91 | 160 | 1327683 | 30.50 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.50 | 143 | 35431m | 6.49 | ng/ul | 0.03 |
| 58) Fluorene-d10 | 15.22 | 176 | 940861 | 31.36 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.37 | 200 | 190430 | 29.76 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.08 | 188 | 1608335 | 34.63 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.39 | 212 | 1714219 | 40.96 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.25 | 264 | 1390088 | 32.34 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 10) 2-Chlorophenol | 7.13 | 128 | 12186 | 1.117 | ng/ul | 91 |
| 20) Nitrobenzene | 8.77 | 77 | 2005591 | 129.496 | ng/ul | 98 |
| 23) 2-Nitrophenol | 9.47 | 139 | 14288 | 2.237 | ng/ul | 91 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.39 | 216 | 31601 | 2.302 | ng/ul# | 94 |
| 69) Pentachlorophenol | 16.64 | 266 | 9238 | 1.389 | ng/ul | 92 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.00 | 216 | 166758 | 11.886 | ng/uL | 97 |

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

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