Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026131.D
Acq On : 27 May 2020 02:09
Operator : MA/SJ
Sample : L2756-05MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
ETKW8MS

**Manual Integrations APPROVED**
mohammad
5/27/2020 11:47:49 AM

Quant Time: May 27 07:58:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 26 11:15:44 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.49 | 152 | 170423 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.29 | 136 | 700496 | 20.00 | ng/ul | 0.04 |
| 36) Acenaphthene-d10 | 14.13 | 164 | 437064 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.88 | 188 | 915312 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.07 | 240 | 930761 | 20.00 | ng/ul | -0.01 |
| 86) Perylene-d12 | 23.19 | 264 | 954680 | 20.00 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.06 | 96 | 26350 | 4.66 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.69 | 99 | 121012 | 7.83 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.84 | 67 | 318922 | 29.82 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.03 | 132 | 311014 | 25.70 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.21 | 113 | 214387 | 18.40 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.63 | 128 | 226648 | 39.69 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.36 | 143 | 210187 | 37.20 | ng/ul | 0.01 |
| 26) 2,4-Dichlorophenol-d3 | 9.91 | 165 | 362331 | 31.95 | ng/ul | 0.02 |
| 29) 4-Chloroaniline-d4 | 0.00 | 131 | 0d | 0.00 | ng/ul | |
| 44) Dimethylphthalate-d6 | 13.56 | 166 | 1180153 | 33.67 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.82 | 160 | 1413331 | 34.04 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.36 | 143 | 50581 | 8.15 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.13 | 176 | 1032517 | 33.87 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.26 | 200 | 187291 | 35.09 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 16.98 | 188 | 1573425 | 34.88 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.28 | 212 | 1731949 | 36.23 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.06 | 264 | 1541354 | 30.33 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.71 | 94 | 158928 | 9.17 | ng/ul# | 95 |
| 10) 2-Chlorophenol | 7.06 | 128 | 325080 | 24.65 | ng/ul | 93 |
| 11) 2-Methylphenol | 7.95 | 108 | 227264 | 19.03 | ng/ul | 93 |
| 14) Acetophenone | 8.30 | 105 | 297861 | 15.24 | ng/ul | 95 |
| 15) N-Nitroso-di-n-propylamine | 8.30 | 70 | 344205 | 29.88 | ng/ul | 91 |
| 16) 4-Methylphenol | 8.27 | 108 | 219886 | 16.93 | ng/ul | 88 |
| 21) Isophorone | 9.23 | 82 | 6242225 | 213.98 | ng/ul | 98 |
| 24) 2,4-Dimethylphenol | 9.51 | 107 | 181015m | 11.54 | ng/ul | |
| 28) Naphthalene | 10.31 | 128 | 56957087m | 1329.85 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 11.56 | 107 | 416095 | 30.54 | ng/ul | 88 |
| 34) 2-Methylnaphthalene | 11.95 | 142 | 12931794 | 448.90 | ng/ul | 100 |
| 41) 1,1'-Biphenyl | 12.96 | 154 | 2455108 | 63.31 | ng/ul | 99 |
| 45) Dimethylphthalate | 13.60 | 163 | 252040 | 6.85 | ng/ul | 99 |
| 48) Acenaphthylene | 13.86 | 152 | 6606225 | 144.91 | ng/ul | 98 |
| 50) Acenaphthene | 14.20 | 153 | 1567584 | 48.76 | ng/ul | 99 |
| 53) 4-Nitrophenol | 14.37 | 109 | 43786 | 7.93 | ng/ul | 97 |
| 54) Dibenzofuran | 14.53 | 168 | 139949 | 3.10 | ng/ul | 98 |
| 55) 2,4-Dinitrotoluene | 14.52 | 165 | 360616 | 36.04 | ng/ul# | 85 |
| 59) Fluorene | 15.19 | 166 | 1990280 | 54.45 | ng/ul | 99 |
| 69) Pentachlorophenol | 16.54 | 266 | 271846 | 41.19 | ng/ul | 98 |
| 70) Phenanthrene | 16.93 | 178 | 4728502 | 82.01 | ng/ul | 99 |
| 72) Anthracene | 17.02 | 178 | 697156 | 12.05 | ng/ul | 99 |
| 75) Carbazole | 17.29 | 167 | 141204 | 2.95 | ng/ul | 99 |

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|---|---|---|---|---|---|---|
| 77) Fluoranthene | 18.94 | 202 | 536590 | 8.87 | ng/ul | 99 |
| 80) Pyrene | 19.31 | 202 | 2974106 | 45.52 | ng/ul | 98 |
| 83) Benzo(a)anthracene | 21.06 | 228 | 66791m | 1.04 | ng/ul | |

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

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