Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070820\
Data File : BN011119.D
Acq On : 08 Jul 2020 15:30
Operator : CG/JU
Sample : SSTD00552
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTD00552

Quant Time: Jul 08 17:27:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN070820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 17:17:13 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.50 | 152 | 160032 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.25 | 136 | 593517 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.13 | 164 | 343281 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.89 | 188 | 694978 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.10 | 240 | 687584 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.23 | 264 | 711258 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.19 | 96 | 10062 | 3.29 | ng/uL | 0.00 |
| 5) Phenol-d5 | 0.00 | 99 | 0d | 0.00 | ng/ul | |
| 7) Bis-(2-Chloroethyl)ether-d | 0.00 | 67 | 0d | 0.00 | ng/ul | |
| 9) 2-Chlorophenol-d4 | 7.05 | 132 | 64415 | 5.98 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 0.00 | 113 | 0d | 0.00 | ng/ul | |
| 19) Nitrobenzene-d5 | 8.64 | 128 | 27989 | 6.12 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.36 | 143 | 26250 | 5.15 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.89 | 165 | 56406 | 5.65 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 0.00 | 131 | 0d | 0.00 | ng/ul | |
| 44) Dimethylphthalate-d6 | 13.55 | 166 | 156898 | 6.16 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.82 | 160 | 185145 | 5.92 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 0.00 | 143 | 0d | 0.00 | ng/ul | |
| 58) Fluorene-d10 | 15.13 | 176 | 143455 | 6.28 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 0.00 | 200 | 0d | 0.00 | ng/ul | |
| 71) Anthracene-d10 | 16.98 | 188 | 207700 | 6.45 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.29 | 212 | 219385 | 5.65 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.10 | 264 | 211111 | 5.72 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.23 | 88 | 10960 | 3.387 | ng/uL | 98 |
| 10) 2-Chlorophenol | 7.09 | 128 | 67563 | 6.164 | ng/ul | 94 |
| 15) N-Nitroso-di-n-propylamine | 8.30 | 70 | 43089 | 5.585 | ng/ul | 98 |
| 17) Hexachloroethane | 8.56 | 117 | 34152 | 7.513 | ng/ul | 91 |
| 20) Nitrobenzene | 8.69 | 77 | 79580 | 7.450 | ng/ul | 94 |
| 21) Isophorone | 9.21 | 82 | 113509 | 5.761 | ng/ul | 95 |
| 23) 2-Nitrophenol | 9.39 | 139 | 31138 | 5.649 | ng/ul# | 88 |
| 24) 2,4-Dimethylphenol | 9.46 | 107 | 72844 | 6.701 | ng/ul | 99 |
| 25) Bis(2-Chloroethoxy)methane | 9.69 | 93 | 74684 | 6.231 | ng/ul | 98 |
| 27) 2,4-Dichlorophenol | 9.92 | 162 | 60050 | 6.100 | ng/ul | 96 |
| 28) Naphthalene | 10.30 | 128 | 215588 | 6.759 | ng/ul | 99 |
| 31) Hexachlorobutadiene | 10.60 | 225 | 52725 | 7.694 | ng/ul | 98 |
| 33) 4-Chloro-3-methylphenol | 11.56 | 107 | 54744 | 5.307 | ng/ul | 95 |
| 34) 2-Methylnaphthalene | 11.92 | 142 | 145012 | 6.433 | ng/ul | 100 |
| 35) 1-Methylnaphthalene | 12.15 | 142 | 133119 | 5.900 | ng/uL | 97 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.30 | 216 | 81647 | 7.134 | ng/ul | 93 |
| 39) 2,4,6-Trichlorophenol | 12.55 | 196 | 42624 | 5.747 | ng/ul | 92 |
| 40) 2,4,5-Trichlorophenol | 12.62 | 196 | 41742 | 5.233 | ng/ul | 91 |
| 41) 1,1'-Biphenyl | 12.96 | 154 | 183767 | 6.970 | ng/ul | 97 |
| 42) 2-Chloronaphthalene | 12.99 | 162 | 147520 | 6.922 | ng/ul | 99 |
| 43) 2-Nitroaniline | 13.21 | 65 | 27925 | 5.649 | ng/ul | 83 |
| 45) Dimethylphthalate | 13.60 | 163 | 166198 | 6.285 | ng/ul | 98 |
| 46) 2,6-Dinitrotoluene | 13.72 | 165 | 28477 | 5.064 | ng/ul | 91 |

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| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 48) Acenaphthylene | 13.85 | 152 | 206292 | 6.247 ng/ul | 99 |
| 50) Acenaphthene | 14.19 | 153 | 149445 | 6.613 ng/ul | 98 |
| 54) Dibenzofuran | 14.53 | 168 | 212875 | 6.729 ng/ul | 96 |
| 55) 2,4-Dinitrotoluene | 14.51 | 165 | 40489 | 5.054 ng/ul | 98 |
| 56) 2,3,4,6-Tetrachlorophenol | 14.77 | 232 | 35496 | 5.093 ng/ul# | 96 |
| 57) Diethylphthalate | 14.98 | 149 | 165820 | 6.237 ng/ul | 100 |
| 59) Fluorene | 15.19 | 166 | 170236 | 6.563 ng/ul | 97 |
| 60) 4-Chlorophenyl-phenylether | 15.19 | 204 | 91486 | 6.897 ng/ul | 93 |
| 65) N-Nitrosodiphenylamine | 15.40 | 169 | 137954 | 6.852 ng/ul | 98 |
| 66) 4-Bromophenyl-phenylether | 16.09 | 248 | 46918 | 6.183 ng/ul | 93 |
| 67) Hexachlorobenzene | 16.20 | 284 | 54479 | 6.312 ng/ul | 96 |
| 70) Phenanthrene | 16.93 | 178 | 262516 | 6.802 ng/ul | 99 |
| 72) Anthracene | 17.02 | 178 | 256775 | 6.563 ng/ul | 98 |
| 73) 1,2,3,4-Tetrachlorobenzene | 12.92 | 216 | 78270 | 7.101 ng/uL | 98 |
| 74) Pentachlorobenzene | 14.46 | 250 | 70421 | 6.554 ng/uL | 94 |
| 76) Di-n-butylphthalate | 17.88 | 149 | 217623 | 5.376 ng/ul | 98 |
| 80) Pyrene | 19.32 | 202 | 308565 | 6.211 ng/ul | 95 |
| 81) Butylbenzylphthalate | 20.25 | 149 | 84928 | 3.963 ng/ul | 99 |
| 83) Benzo(a)anthracene | 21.08 | 228 | 288806 | 6.055 ng/ul | 97 |
| 84) Bis(2-ethylhexyl)phthalate | 21.04 | 149 | 127380 | 4.116 ng/ul | 97 |
| 85) Chrysene | 21.13 | 228 | 287534 | 6.411 ng/ul | 97 |
| 88) Benzo(b)fluoranthene | 22.60 | 252 | 298707 | 6.436 ng/ul | 96 |
| 89) Benzo(k)fluoranthene | 22.64 | 252 | 279594 | 6.072 ng/ul | 95 |
| 91) Benzo(a)pyrene | 23.14 | 252 | 253270 | 6.142 ng/ul | 95 |
| 92) Indeno(1,2,3-cd)pyrene | 25.32 | 276 | 312341 | 6.729 ng/ul | 94 |
| 93) Dibenzo(a,h)anthracene | 25.34 | 278 | 255357 | 6.551 ng/ul# | 96 |
| 94) Benzo(g,h,i)perylene | 25.96 | 276 | 269254 | 7.010 ng/ul | 95 |

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

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**Instrument :**
BNA_N
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