Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121517\
Data File : BM013455.D
Acq On : 16 Dec 2017 01:07
Operator : SJ/JU
Sample : I6779-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F9A87

Quant Time: Dec 18 17:07:13 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.67 | 152 | 204971 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.45 | 136 | 864635 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.32 | 164 | 501235 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.07 | 188 | 1152527 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.26 | 240 | 1255235 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.48 | 264 | 1052993 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.22 | 96 | 17266 | 4.17 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.86 | 99 | 602447 | 33.97 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.02 | 67 | 327374 | 32.37 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.21 | 132 | 482361 | 34.81 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.38 | 113 | 514317 | 33.95 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.83 | 128 | 236465 | 34.49 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.55 | 143 | 259378 | 35.34 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.08 | 165 | 507894 | 33.58 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.60 | 131 | 272870 | 19.63 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.73 | 166 | 1600803 | 35.89 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.01 | 160 | 1957918 | 35.57 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.53 | 143 | 237464 | 30.64 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.32 | 176 | 1329072 | 34.65 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.44 | 200 | 176565 | 24.35 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.17 | 188 | 2101454 | 36.41 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.47 | 212 | 2349358 | 37.57 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.34 | 264 | 2006285 | 37.41 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.88 | 94 | 69140 | 3.944 | ng/ul# | 84 |
| 28) Naphthalene | 10.50 | 128 | 116125 | 2.610 | ng/ul | 98 |
| 44) Dimethylphthalate | 13.78 | 163 | 391142 | 9.169 | ng/ul | 96 |
| 49) Acenaphthene | 14.38 | 153 | 109105 | 3.144 | ng/ul | 100 |
| 53) Dibenzofuran | 14.72 | 168 | 132573 | 2.588 | ng/ul | 99 |
| 58) Fluorene | 15.37 | 166 | 146289 | 3.452 | ng/ul | 96 |
| 69) Phenanthrene | 17.11 | 178 | 688821 | 10.520 | ng/ul | 99 |
| 71) Anthracene | 17.20 | 178 | 88449 | 1.322 | ng/ul | 95 |
| 72) Carbazole | 17.47 | 167 | 112683 | 1.957 | ng/ul | 96 |
| 74) Fluoranthene | 19.13 | 202 | 376037 | 4.686 | ng/ul# | 92 |
| 77) Pyrene | 19.49 | 202 | 257573 | 3.378 | ng/ul# | 86 |

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

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