Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004269.D
Acq On : 14 Dec 2020 12:13
Operator : CG/JU
Sample : L5063-04DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AD6DL

Manual Integrations APPROVED
mohammad
12/17/2020 9:48:00 AM

Quant Time: Dec 14 14:39:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.84 | 152 | 370095 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.63 | 136 | 1451927 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.49 | 164 | 881396 | 20.00 | ng/ul | 0.01 |
| 62) Phenanthrene-d10 | 17.25 | 188 | 1816376 | 20.00 | ng/ul | 0.02 |
| 78) Chrysene-d12 | 21.35 | 240 | 1848026 | 20.00 | ng/ul | 0.03 |
| 86) Perylene-d12 | 23.74 | 264 | 2166629 | 20.00 | ng/ul | 0.06 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.33 | 96 | 9322 | 0.88 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.00 | 99 | 225130 | 7.35 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.17 | 67 | 124523 | 6.51 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.37 | 132 | 187200 | 8.06 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.54 | 113 | 149526 | 6.46 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5 | 8.99 | 128 | 98753 | 8.30 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4 | 9.72 | 143 | 101436 | 10.34 | ng/ul | 0.01 |
| 26) 2,4-Dichlorophenol-d3 | 10.26 | 165 | 186703 | 8.66 | ng/ul | 0.02 |
| 29) 4-Chloroaniline-d4 | 10.75 | 131 | 553486 | 20.70 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.89 | 166 | 510830 | 7.58 | ng/ul | 0.01 |
| 47) Acenaphthylene-d8 | 14.18 | 160 | 695610 | 8.09 | ng/ul | 0.02 |
| 52) 4-Nitrophenol-d4 | 14.69 | 143 | 125423 | 11.02 | ng/ul | 0.03 |
| 58) Fluorene-d10 | 15.49 | 176 | 473037 | 7.75 | ng/ul | 0.02 |
| 63) 4,6-Dinitro-2-methylphenol | 0.00 | 200 | 0d | 0.00 | ng/ul | |
| 71) Anthracene-d10 | 17.35 | 188 | 720309 | 8.14 | ng/ul | 0.02 |
| 79) Pyrene-d10 | 19.59 | 212 | 823077 | 8.55 | ng/ul | 0.02 |
| 90) Benzo(a)pyrene-d12 | 23.58 | 264 | 912839 | 8.00 | ng/ul | 0.06 |
| **Target Compounds** | | | | | | Qvalue |
| 24) 2,4-Dimethylphenol | 9.85 | 107 | 28556m | 1.128 | ng/ul | |
| 28) Naphthalene | 10.69 | 128 | 528961 | 6.426 | ng/ul# | 91 |
| 34) 2-Methylnaphthalene | 12.30 | 142 | 2631105 | 47.511 | ng/ul | 98 |
| 41) 1,1'-Biphenyl | 13.32 | 154 | 331812 | 4.489 | ng/ul | 98 |
| 45) Dimethylphthalate | 13.94 | 163 | 87777 | 1.279 | ng/ul# | 72 |
| 48) Acenaphthylene | 14.21 | 152 | 135790 | 1.591 | ng/ul# | 1 |
| 50) Acenaphthene | 14.55 | 153 | 253941 | 4.203 | ng/ul | 94 |
| 54) Dibenzofuran | 14.89 | 168 | 359281m | 4.221 | ng/ul | |
| 59) Fluorene | 15.55 | 166 | 421210 | 6.187 | ng/ul# | 88 |
| 70) Phenanthrene | 17.30 | 178 | 5446670 | 50.828 | ng/ul | 97 |
| 72) Anthracene | 17.39 | 178 | 632112m | 5.962 | ng/ul | |
| 77) Fluoranthene | 19.27 | 202 | 829865 | 7.253 | ng/ul# | 94 |
| 80) Pyrene | 19.62 | 202 | 4433208 | 35.563 | ng/ul | 95 |
| 83) Benzo(a)anthracene | 21.34 | 228 | 506039 | 4.154 | ng/ul# | 37 |
| 85) Chrysene | 21.39 | 228 | 645082m | 5.398 | ng/ul | |
| 88) Benzo(b)fluoranthene | 23.01 | 252 | 265173 | 1.930 | ng/ul# | 4 |
| 91) Benzo(a)pyrene | 23.63 | 252 | 296098 | 2.309 | ng/ul# | 27 |
| 94) Benzo(g,h,i)perylene | 26.93 | 276 | 189742 | 1.407 | ng/ul# | 67 |

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

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