Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022656.D
Acq On : 11 Sep 2019 14:28
Operator : HP/JU
Sample : K4706-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF574

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:57 AM

Quant Time: Sep 12 01:16:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.85 | 152 | 17724 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.64 | 136 | 77502 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.48 | 164 | 45590 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.21 | 188 | 102184m | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.39 | 240 | 87905m | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.68 | 264 | 82255 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.23 | 152 | 34031 | 0.27 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.24 | 212 | 92983m | 0.33 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.69 | 128 | 477905 | 2.164 | ng/ul | 100 |
| 5) 2-Methylnaphthalene | 12.30 | 142 | 82565 | 0.545 | ng/ul | 100 |
| 7) Acenaphthylene | 14.20 | 152 | 7248 | 0.034 | ng/ul# | 73 |
| 8) Acenaphthene | 14.54 | 153 | 240480 | 1.361 | ng/ul | 98 |
| 9) Fluorene | 15.52 | 166 | 349506 | 1.727 | ng/ul | 99 |
| 12) Phenanthrene | 17.26 | 178 | 1088004m | 3.342 | ng/ul | |
| 13) Anthracene | 17.35 | 178 | 62238m | 0.223 | ng/ul | |
| 15) Fluoranthene | 19.27 | 202 | 209883m | 0.597 | ng/ul | |
| 17) Pyrene | 19.63 | 202 | 126352m | 0.317 | ng/ul | |
| 18) Benzo(a)anthracene | 21.38 | 228 | 18530 | 0.055 | ng/ul | 95 |
| 19) Chrysene | 21.43 | 228 | 11872m | 0.034 | ng/ul | |
| 21) Benzo(b)fluoranthene | 22.99 | 252 | 11522m | 0.032 | ng/ul | |

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

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