Data File : M:\AIR_M\2A13-0613\M13F170.D
Acq On : 13 Jun 2013 10:06 pm
Sample : 13060078-01A
Misc : SAMP;TO-15_LDEQ
MS Integration Params: RTEINT_D.P
Quant Time: Jun 13 23:02:32 2013
Results File: M13F12.RES

Vial: 5
Operator: E_G
Inst : M
Multiplr: 1.00

SubList: spl_lims.sub

Quant Method : M:\AIR_M_METHODS\M13F12.M (RTE Integrator )
Title : TO-15 LA
Last Update : Wed Jun 12 20:15:11 2013
Response via : Initial Calibration
DataAcq Meth : TO15_LAM.M

EG 6/13/13

| Compound | R.T. | QIon | Response | OnCol | ppbv | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) Bromochloromethane | 14.85 | 49 | 203930 | | 6.25 | | 0.01 |
| 33) 1,4-Difluorobenzene | 18.53 | 114 | 637514 | | 6.25 | | 0.00 |
| 47) Chlorobenzene-d5 | 28.04 | 117 | 620072 | | 6.25 | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 54) 4-Bromofluorobenzene | 31.96 | 95 | 387108 | 91.83 | 91.83 | | 0.01 |
| Target Compounds | | | | | | | Qvalue |
| 2) Freon 12 | 8.28 | 85 | 31632 | ✓0.48 | 0.48 | | 100 |
| 3) Chloromethane | 8.47 | 50 | 13932 | ✓0.67 | 0.67 | | 99 |
| 4) Freon 114 | 8.60 | 85 | 1226 | ✓0.02 | 0.02 | | 85 |
| 5) Vinyl Chloride | 0.00 | 62 | 0 | N.D. | N.D. | | |
| 6) 1,3-Butadiene | 0.00 | 54 | 0 | N.D. | N.D. | | |
| 7) Bromomethane | 0.00 | 94 | 0 | N.D. | N.D. | | |
| 8) Chloroethane | 0.00 | 64 | 0 | N.D. | N.D. | | |
| 9) Acetonitrile | 9.92 | 41 | 3653 | ✓0.17 | 0.17 | # | 76 |
| 10) Acetone | 10.25 | 58 | 43760 | ✓3.96 | 3.96 | | 81 |
| 11) Freon 11 | 10.42 | 101 | 17259 | ✓0.24 | 0.24 | | 99 |
| 12) Acrylonitrile | 0.00 | 53 | 0 | N.D. | N.D. | | |
| 13) Diethyl Ether | 0.00 | 59 | 0 | N.D. | N.D. | | |
| 14) 1,1-Dichloroethene | 0.00 | 61 | 0 | N.D. | N.D. | | |
| 15) Methylene chloride | 11.48 | 49 | 4786 | ✓0.16 | 0.16 | # | 77 |
| 16) Allyl chloride | 0.00 | 41 | 0 | N.D. | N.D. | | |
| 17) Carbon disulfide | 11.83 | 76 | 975 | ✗0.02 | 0.02 | # | 70 |
| 18) Freon 113 | 11.86 | 101 | 3957 | ✓0.08 | 0.08 | | 95 |
| 19) 1,1-Dichloroethane | 0.00 | 63 | 0 | N.D. | N.D. | | |
| 20) Methyl tert-butyl ether | 0.00 | 73 | 0 | N.D. | N.D. | | |
| 21) Methacrylonitrile | 0.00 | 67 | 0 | N.D. | N.D. | | |
| 22) 2-Butanone | 13.94 | 43 | 12501 | ✓0.26 | 0.26 | | 95 |
| 23) cis-1,2-Dichloroethylene | 0.00 | 61 | 0 | N.D. | N.D. | | |
| 24) Methyl acrylate | 0.00 | 55 | 0 | N.D. | N.D. | | |
| 25) Chloroform | 15.10 | 83 | 712 | ✓0.01 | 0.01 | | 99 |
| 26) Tetrahydrofuran | 0.00 | 42 | 0 | N.D. | N.D. | | |
| 27) 1,2-Dichloroethane | 16.42 | 62 | 1658 | ✓0.04 | 0.04 | # | 45 |
| 28) 1,1,1-Trichloroethane | 0.00 | 97 | 0 | N.D. | N.D. | | |
| 29) Chlorobutane | 0.00 | 56 | 0 | N.D. | N.D. | | |
| 30) Chloroacetonitrile | 0.00 | 75 | 0 | N.D. | N.D. | | |
| 31) Benzene | 17.74 | 78 | 10149 | ✓0.16 | 0.16 | | 98 |
| 32) Carbon tetrachloride | 18.03 | 117 | 5501 | ✓0.09 | 0.09 | | 98 |
| 34) 1,2-Dichloropropane | 0.00 | 63 | 0 | N.D. | N.D. | | |
| 35) Trichloroethylene | 0.00 | 95 | 0 | N.D. | N.D. | | |
| 36) Methyl methacrylate | 0.00 | 69 | 0 | N.D. | N.D. | | |
| 37) Nitropropane | 0.00 | 41 | 0 | N.D. | N.D. | | |
| 38) cis-1,3-dichloropropylene | 0.00 | 75 | 0 | N.D. | N.D. | | |
| 39) 4-Methyl-2-pentanone | 22.02 | 43 | 1724 | ✗0.03 | 0.03 | # | 52 |
| 40) trans-1,3-Dichloropropene | 0.00 | 75 | 0 | N.D. | N.D. | | |
| 41) 1,1,2-Trichloroethane | 0.00 | 97 | 0 | N.D. | N.D. | | |
| 42) Toluene | 23.91 | 91 | 7194 | ✓0.09 | 0.09 | | 98 |
| 43) 2-Hexanone | 24.76 | 43 | 468 | ✗0.01 | 0.01 | # | 40 |
| 44) Ethyl methacrylate | 0.00 | 69 | 0 | N.D. | N.D. | | |
| 45) 1,2-Dibromoethane | 0.00 | 107 | 0 | N.D. | N.D. | | |
| 46) Tetrachloroethylene | 26.51 | 166 | 411 | ✓0.01 | 0.01 | | 81 |
| 48) Chlorobenzene | 28.13 | 112 | 590 | ✓0.01 | 0.01 | # | 63 |
| 49) Ethylbenzene | 29.14 | 91 | 1860 | ✓0.02 | 0.02 | | 93 |
| 50) m+p-Xylenes | 29.57 | 91 | 4023m | ✓0.04 | 0.04 | # | |

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MS Integration Params: RTEINT_D.P
Quant Time: Jun 13 23:02:32 2013
Results File: M13F12.RES

Vial: 5
Operator: E_G
Inst : M
Multiplr: 1.00

SubList: spl_lims.sub

Quant Method : M:\AIR_M_METHODS\M13F12.M (RTE Integrator )
Title : TO-15 LA
Last Update : Wed Jun 12 20:15:11 2013
Response via : Initial Calibration
DataAcq Meth : TO15_LAM.M

| Compound | R.T. | QIon | Response | OnCol | ppbv | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 51) Styrene | 30.52 | 104 | 492 | ✗0.01 | 0.01 | # | 34 |
| 52) o-Xylene | 30.76 | 91 | 1632 | ✓0.02 | 0.02 | | 91 |
| 53) 1,1,2,2-Tetrachloroethane | 0.00 | 83 | 0 | N.D. | N.D. | | |
| 55) 1,3,5-Trimethylbenzene | 34.48 | 105 | 1168 | ✓0.01 | 0.01 | # | 80 |
| 56) 1,2,4-Trimethylbenzene | 35.65 | 105 | 2035 | ✓0.02 | 0.02 | | 95 |
| 57) m-Dichlorobenzene | 36.01 | 146 | 757 | ✓0.01 | 0.01 | # | 37 |
| 58) Benzyl chloride | 0.00 | 91 | 0 | N.D. | N.D. | | |
| 59) p-Dichlorobenzene | 36.24 | 146 | 993 | ✓0.01 | 0.01 | # | 38 |
| 60) o-Dichlorobenzene | 37.27 | 146 | 582 | ✗0.01 | 0.01 | # | 36 |
| 61) Nitrobenzene | 0.00 | 77 | 0 | N.D. | N.D. | | |
| 62) 1,2,4-Trichlorobenzene | 42.94 | 180 | 611 | ✓0.01 | 0.01 | | 96 |
| 63) Hexachlorobutadiene | 44.49 | 225 | 1112 | ✓0.02 | 0.02 | | 94 |

Target Compounds not in Sublist — Qvalue

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

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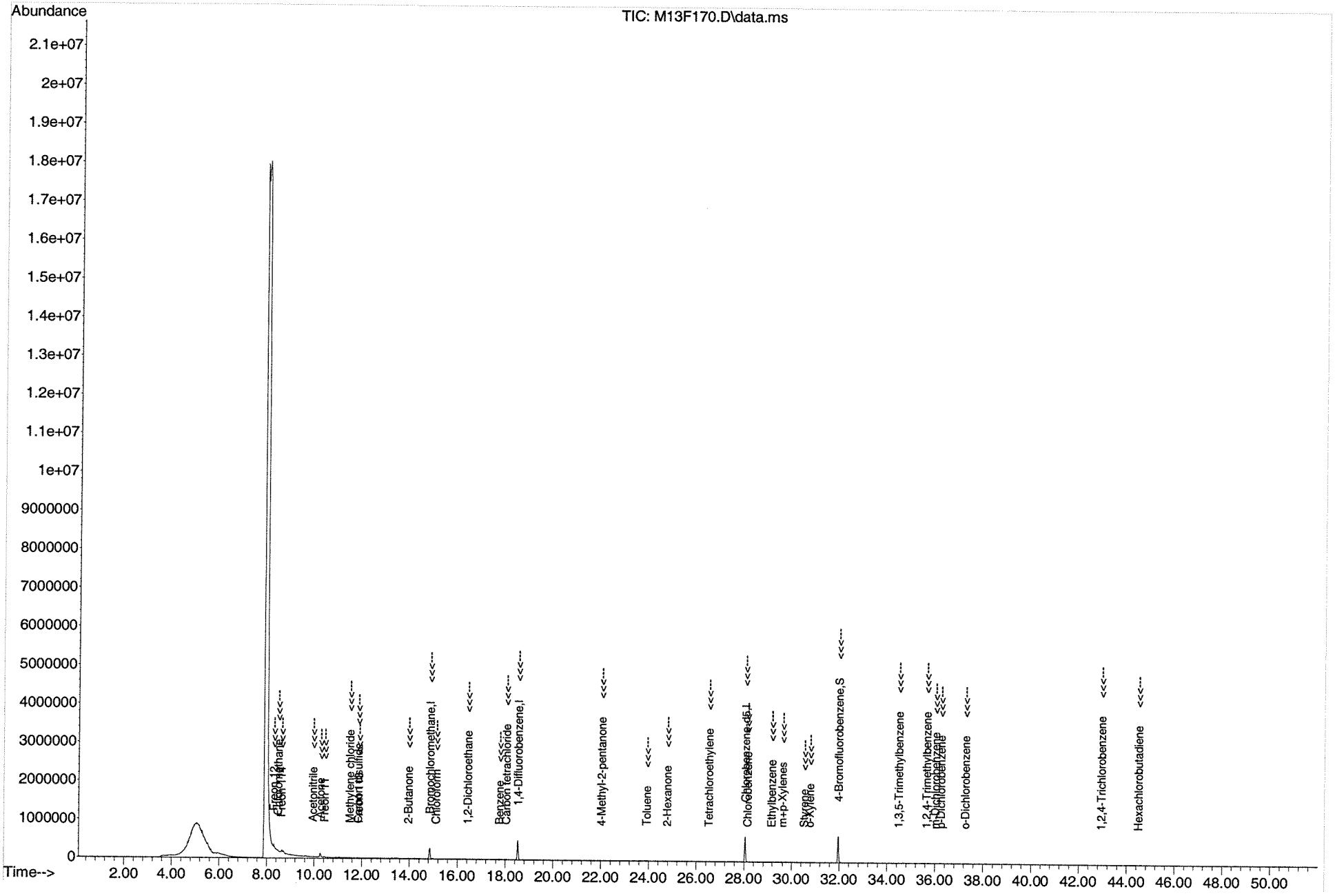
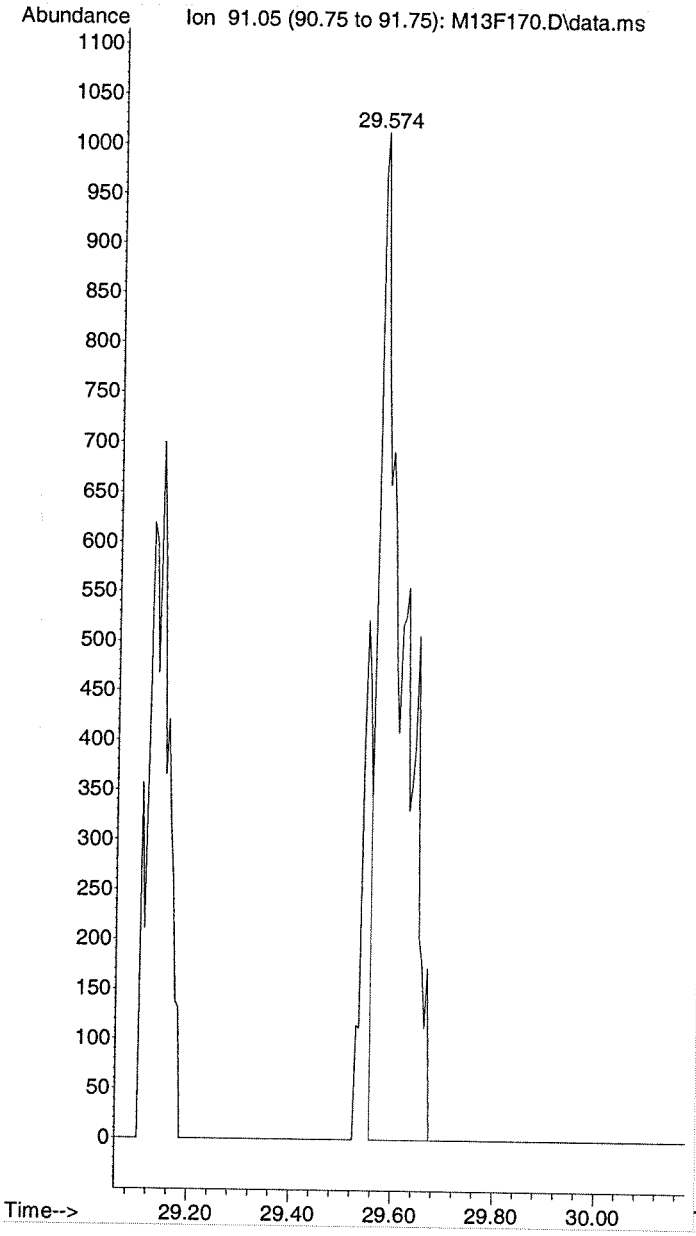
Acq On : 13 Jun 2013 10:06 pm
Sample : 13060078-01A
Misc : SAMP;TO-15_LDEQ
MS Integration Params: RTEINT_D.P

Vial: 5
Operator: E_G
Inst : M
Multiplr: 1.00

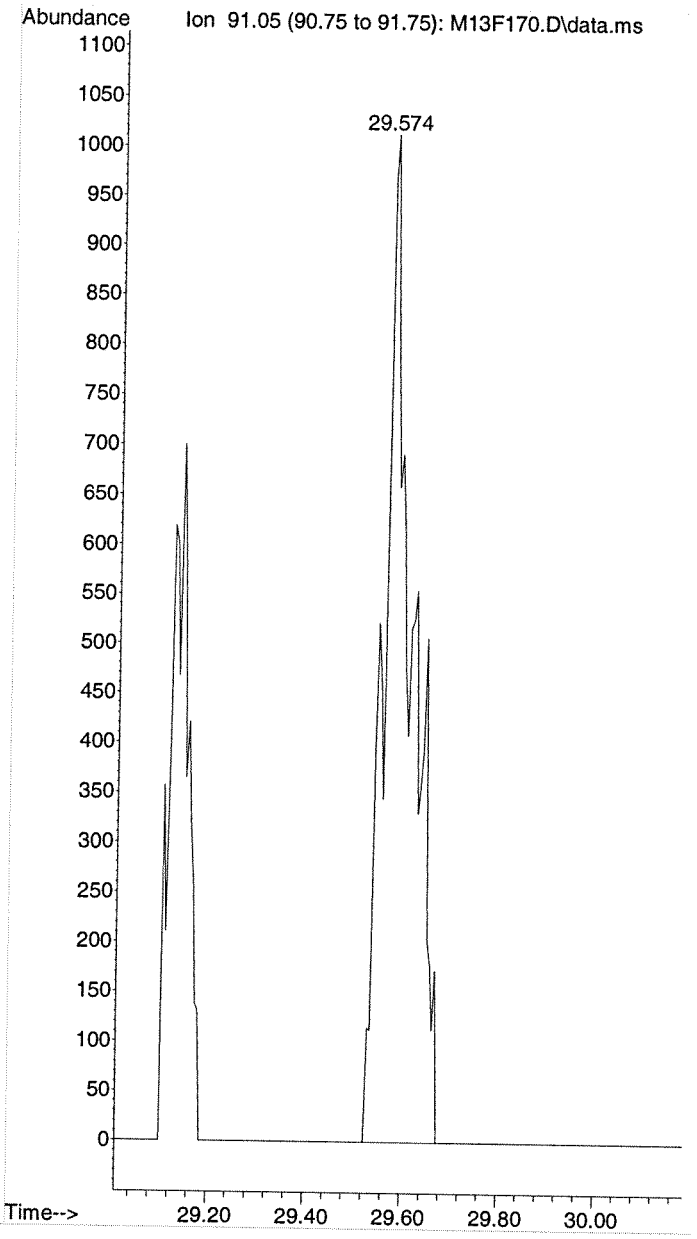


MANUAL INTEGRATION REPORT

Data File: M:\AIR_M\2A13-0613\M13F170.D
Date Acquired: 13 Jun 2013 10:06 pm
Inst: M Operator ID: E_G
Name: 13060078-01A
Misc: SAMP;TO-15_LDEQ
Method: M:\AIR_M_METHODS\M13F12.M




Before Area: 3371




After Area: 4023

m+p-Xylenes 29.57 minutes

Integration Time Range: 29.51 - 29.69

Integration Scan Range: 5239 - 5270

CI
EG
6-13-13

M:\AIR_M\2A13-0613\M13F170.D
Report generated: Thu Jun 13 23:02:37 2013