

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_R\Data\VR101518\  
Quantitation Report (QT Reviewed)

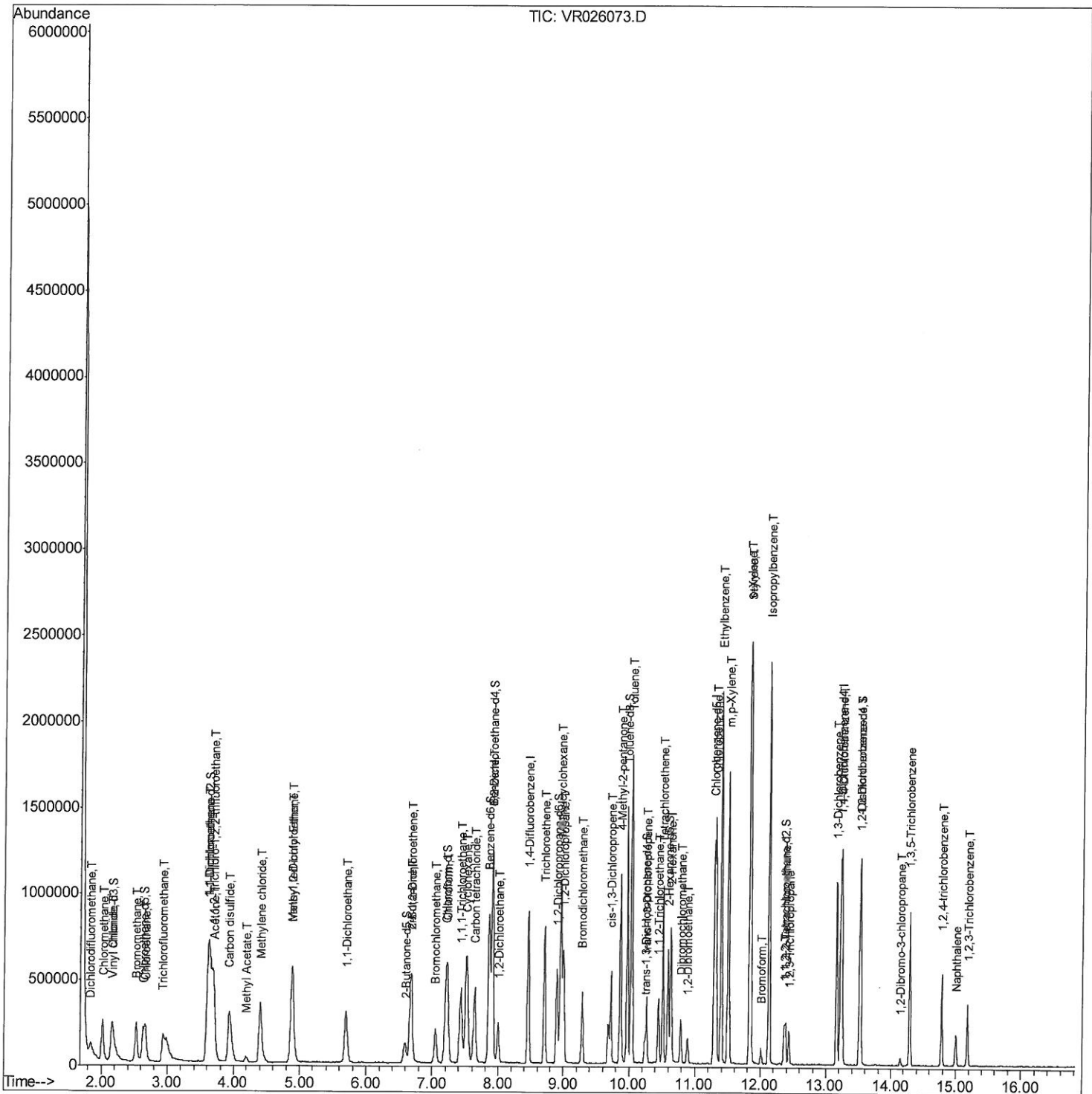
Data File : VR026073.D  
Acq On : 15 Oct 2018 14:26  
Operator : SY/MD  
Sample : VSTD00583  
Misc : 25mL/MSVOA\_R/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_R  
ClientSampled :  
VSTD00583

Manual Integrations  
APPROVED

MMDadoda  
10/16/2018 3:12:53 PM

Quant Time: Oct 15 15:02:38 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR101518WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Mon Oct 15 14:09:12 2018  
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_R\Data\VR101518\  
Quantitation Report (Qedit)

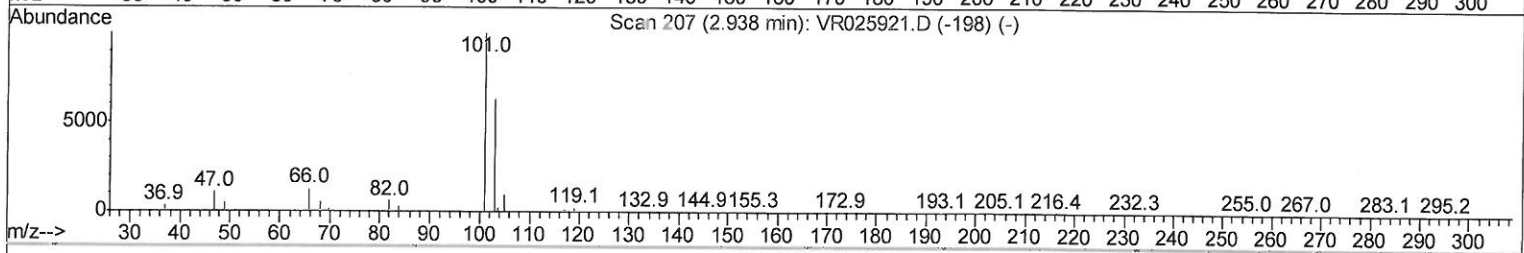
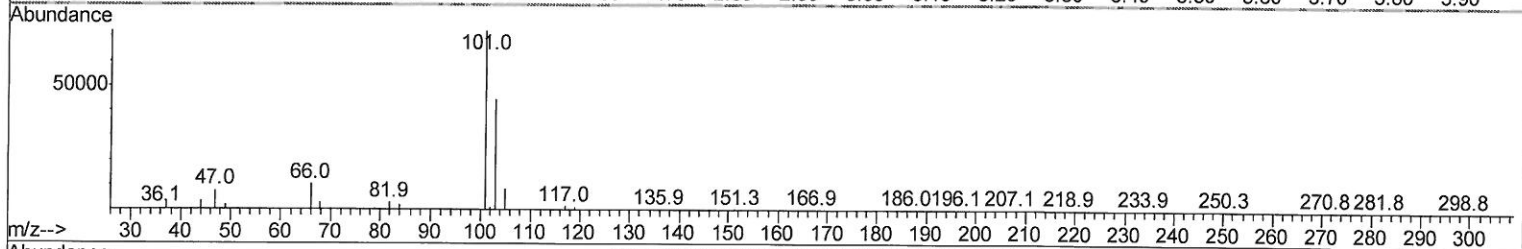
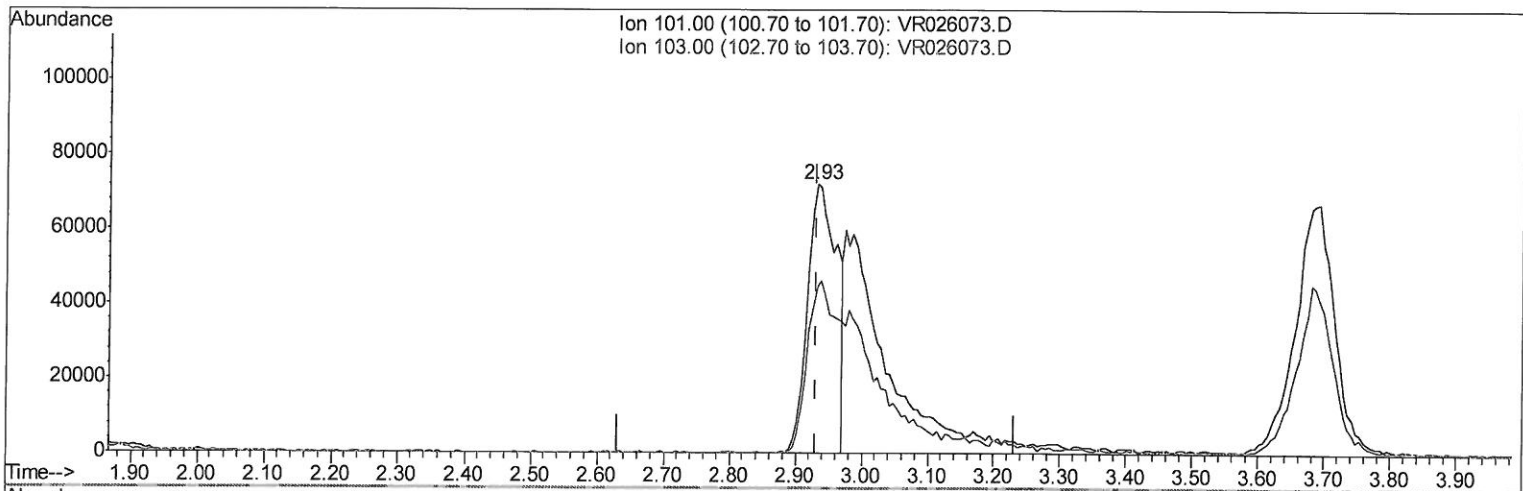
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TIC: VR026073.D

(9) Trichlorofluoromethane (T)

2.932min (-0.000) 2.99ug/L

response 220015

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 101.00 | 100   | 100    |
| 103.00 | 27.60 | 70.90# |
| 0.00   | 0.00  | 0.00   |
| 0.00   | 0.00  | 0.00   |

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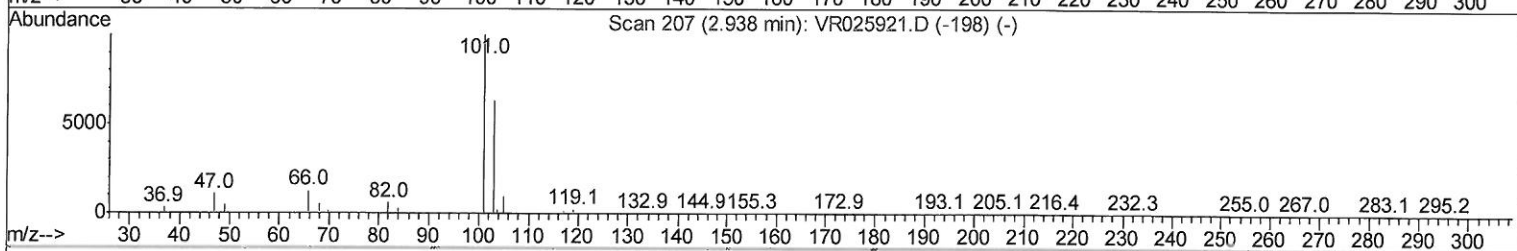
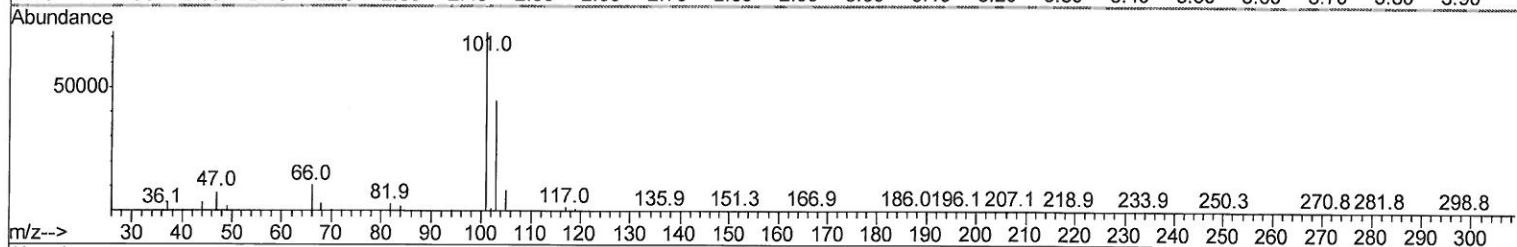
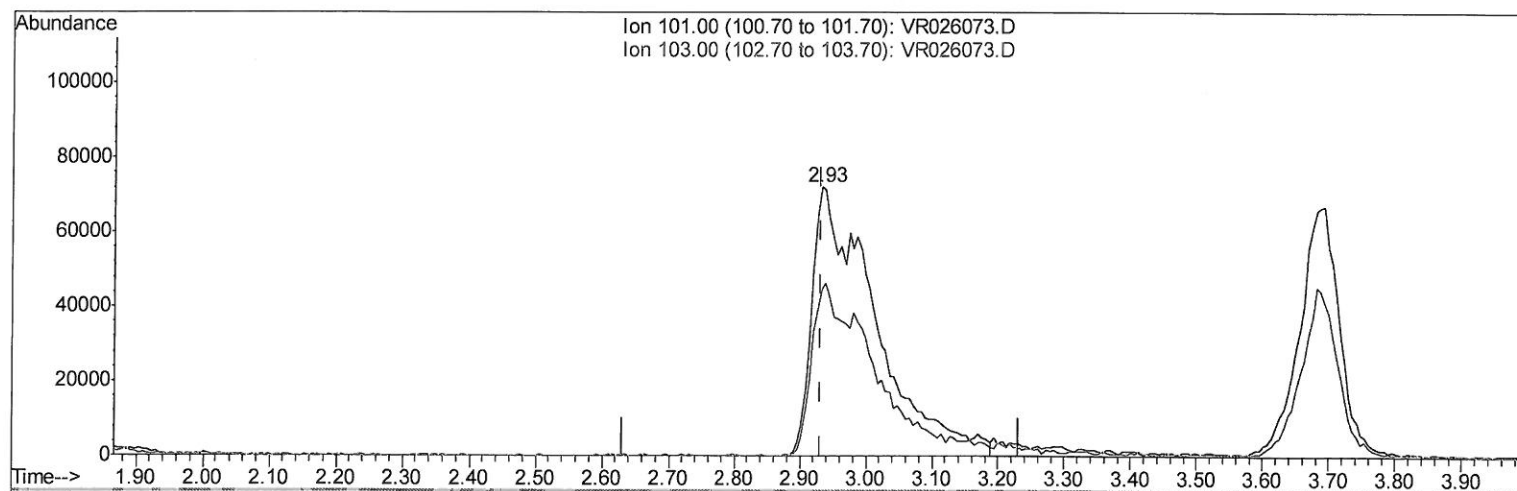
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TIC: VR026073.D

(9) Trichlorofluoromethane (T)

2.932min (-0.000) 6.52ug/L m

> 50/16/18 82

response 480474

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 101.00 | 100   | 100   |
| 103.00 | 27.60 | 32.46 |
| 0.00   | 0.00  | 0.00  |
| 0.00   | 0.00  | 0.00  |



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QLast Update : Mon Oct 15 14:09:12 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 616603   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 540761   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.23 | 152  | 199623   | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |       |     |        |       |      |      |
|--------------------------------|-------|-----|--------|-------|------|------|
| 4) Vinyl Chloride-d3           | 2.15  | 65  | 265340 | 5.46  | ug/L | 0.00 |
| 7) Chloroethane-d5             | 2.63  | 69  | 226454 | 5.70  | ug/L | 0.00 |
| 11) 1,1-Dichloroethene-d2      | 3.61  | 63  | 666364 | 5.84  | ug/L | 0.00 |
| 20) 2-Butanone-d5              | 6.59  | 46  | 228636 | 42.18 | ug/L | 0.00 |
| 24) Chloroform-d               | 7.20  | 84  | 433330 | 5.12  | ug/L | 0.00 |
| 26) 1,2-Dichloroethane-d4      | 7.90  | 65  | 180278 | 4.95  | ug/L | 0.00 |
| 32) Benzene-d6                 | 7.85  | 84  | 848412 | 4.71  | ug/L | 0.00 |
| 36) 1,2-Dichloropropane-d6     | 8.90  | 67  | 224777 | 4.63  | ug/L | 0.00 |
| 41) Toluene-d8                 | 9.97  | 98  | 828907 | 4.90  | ug/L | 0.00 |
| 43) trans-1,3-Dichloropropene- | 10.24 | 79  | 57370  | 5.21  | ug/L | 0.00 |
| 46) 2-Hexanone-d5              | 10.59 | 63  | 186799 | 44.49 | ug/L | 0.00 |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36 | 84  | 91975  | 4.67  | ug/L | 0.00 |
| 64) 1,2-Dichlorobenzene-d4     | 13.51 | 152 | 156413 | 4.89  | ug/L | 0.00 |

#### Target Compounds

|                                |      |     |         |             | Qvalue |
|--------------------------------|------|-----|---------|-------------|--------|
| 2) Dichlorodifluoromethane     | 1.84 | 85  | 210588  | 5.619 ug/L  | 96     |
| 3) Chloromethane               | 2.01 | 50  | 335263  | 6.291 ug/L  | 100    |
| 5) Vinyl chloride              | 2.17 | 62  | 332431  | 6.267 ug/L  | 99     |
| 6) Bromomethane                | 2.53 | 94  | 213336  | 6.442 ug/L  | 95     |
| 8) Chloroethane                | 2.66 | 64  | 206549  | 6.844 ug/L  | 98     |
| 9) Trichlorofluoromethane      | 2.93 | 101 | 480474m | 6.524 ug/L  | 95     |
| 10) 1,1,2-Trichloro-1,2,2-trif | 3.69 | 101 | 278870  | 6.194 ug/L  | 95     |
| 12) 1,1-Dichloroethene         | 3.63 | 96  | 309052  | 6.640 ug/L  | 90     |
| 13) Acetone                    | 3.70 | 43  | 240984  | 61.336 ug/L | 96     |
| 14) Carbon disulfide           | 3.93 | 76  | 833165  | 7.394 ug/L  | 98     |
| 15) Methyl Acetate             | 4.19 | 43  | 59379   | 5.451 ug/L  | 98     |
| 16) Methylene chloride         | 4.40 | 84  | 273848  | 6.398 ug/L  | 95     |
| 17) Methyl tert-butyl Ether    | 4.89 | 73  | 277610  | 5.386 ug/L  | 98     |
| 18) trans-1,2-Dichloroethene   | 4.88 | 96  | 231249  | 6.007 ug/L  | 87     |
| 19) 1,1-Dichloroethane         | 5.69 | 63  | 430623  | 5.650 ug/L  | 99     |
| 21) 2-Butanone                 | 6.69 | 43  | 275799  | 51.036 ug/L | 99     |
| 22) cis-1,2-Dichloroethene     | 6.68 | 96  | 226928  | 5.858 ug/L  | # 92   |
| 23) Bromochloromethane         | 7.05 | 128 | 60464   | 5.754 ug/L  | 83     |
| 25) Chloroform                 | 7.23 | 83  | 432610  | 5.829 ug/L  | 99     |
| 27) 1,2-Dichloroethane         | 7.99 | 62  | 210750  | 5.691 ug/L  | 99     |
| 29) 1,1,1-Trichloroethane      | 7.43 | 97  | 374136  | 6.153 ug/L  | 99     |
| 30) Cyclohexane                | 7.52 | 56  | 381520  | 5.021 ug/L  | 97     |
| 31) Carbon tetrachloride       | 7.63 | 117 | 337158  | 6.402 ug/L  | 98     |
| 33) Benzene                    | 7.91 | 78  | 1032953 | 5.695 ug/L  | 100    |
| 34) Trichloroethene            | 8.71 | 95  | 255783  | 5.352 ug/L  | 90     |
| 35) Methylcyclohexane          | 8.95 | 83  | 391259  | 5.445 ug/L  | 95     |
| 37) 1,2-Dichloropropane        | 9.00 | 63  | 218779  | 5.623 ug/L  | 99     |
| 38) Bromodichloromethane       | 9.28 | 83  | 237482  | 5.657 ug/L  | # 98   |
| 39) cis-1,3-Dichloropropene    | 9.72 | 75  | 260049  | 5.961 ug/L  | 97     |
| 40) 4-Methyl-2-pentanone       | 9.87 | 43  | 703620  | 51.426 ug/L | 99     |

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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 42) Toluene                    | 10.04 | 91   | 1118976  | 5.937  | ug/L   | 98       |
| 44) trans-1,3-Dichloropropene  | 10.26 | 75   | 180229   | 6.327  | ug/L   | 97       |
| 45) 1,1,2-Trichloroethane      | 10.45 | 97   | 92728    | 5.269  | ug/L   | 98       |
| 47) Tetrachloroethene          | 10.51 | 164  | 177440   | 6.025  | ug/L   | 90       |
| 48) 2-Hexanone                 | 10.63 | 43   | 470670   | 52.542 | ug/L   | 99       |
| 49) Dibromochloromethane       | 10.79 | 129  | 106992   | 5.990  | ug/L   | 98       |
| 50) 1,2-Dibromoethane          | 10.89 | 107  | 81302    | 5.854  | ug/L # | 93       |
| 51) Chlorobenzene              | 11.32 | 112  | 600303   | 6.005  | ug/L   | 93       |
| 52) Ethylbenzene               | 11.39 | 91   | 1281307  | 5.956  | ug/L   | 98       |
| 53) m,p-Xylene                 | 11.50 | 106  | 473430   | 6.182  | ug/L   | 88       |
| 54) o-Xylene                   | 11.83 | 106  | 435491   | 6.109  | ug/L   | 93       |
| 55) Styrene                    | 11.84 | 104  | 678156   | 6.112  | ug/L   | 91       |
| 56) Isopropylbenzene           | 12.13 | 105  | 1211702  | 6.163  | ug/L   | 97       |
| 58) 1,1,2,2-Tetrachloroethane  | 12.39 | 83   | 91618    | 5.403  | ug/L # | 97       |
| 59) 1,2,3-Trichloropropane     | 12.43 | 75   | 67558    | 5.353  | ug/L   | 99       |
| 61) Bromoform                  | 12.01 | 173  | 35539    | 5.889  | ug/L # | 96       |
| 62) 1,3-Dichlorobenzene        | 13.16 | 146  | 337773   | 5.789  | ug/L   | 94       |
| 63) 1,4-Dichlorobenzene        | 13.24 | 146  | 348635   | 5.841  | ug/L   | 98       |
| 65) 1,2-Dichlorobenzene        | 13.53 | 146  | 278563   | 5.943  | ug/L   | 95       |
| 66) 1,2-Dibromo-3-chloropropan | 14.15 | 75   | 9108     | 4.621  | ug/L # | 81       |
| 67) 1,3,5-Trichlorobenzene     | 14.29 | 180  | 194032   | 5.583  | ug/L   | 98       |
| 68) 1,2,4-trichlorobenzene     | 14.79 | 180  | 116085   | 5.240  | ug/L   | 98       |
| 69) Naphthalene                | 15.00 | 128  | 118164   | 4.179  | ug/L   | 99       |
| 70) 1,2,3-Trichlorobenzene     | 15.18 | 180  | 80077    | 5.210  | ug/L   | 98       |

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