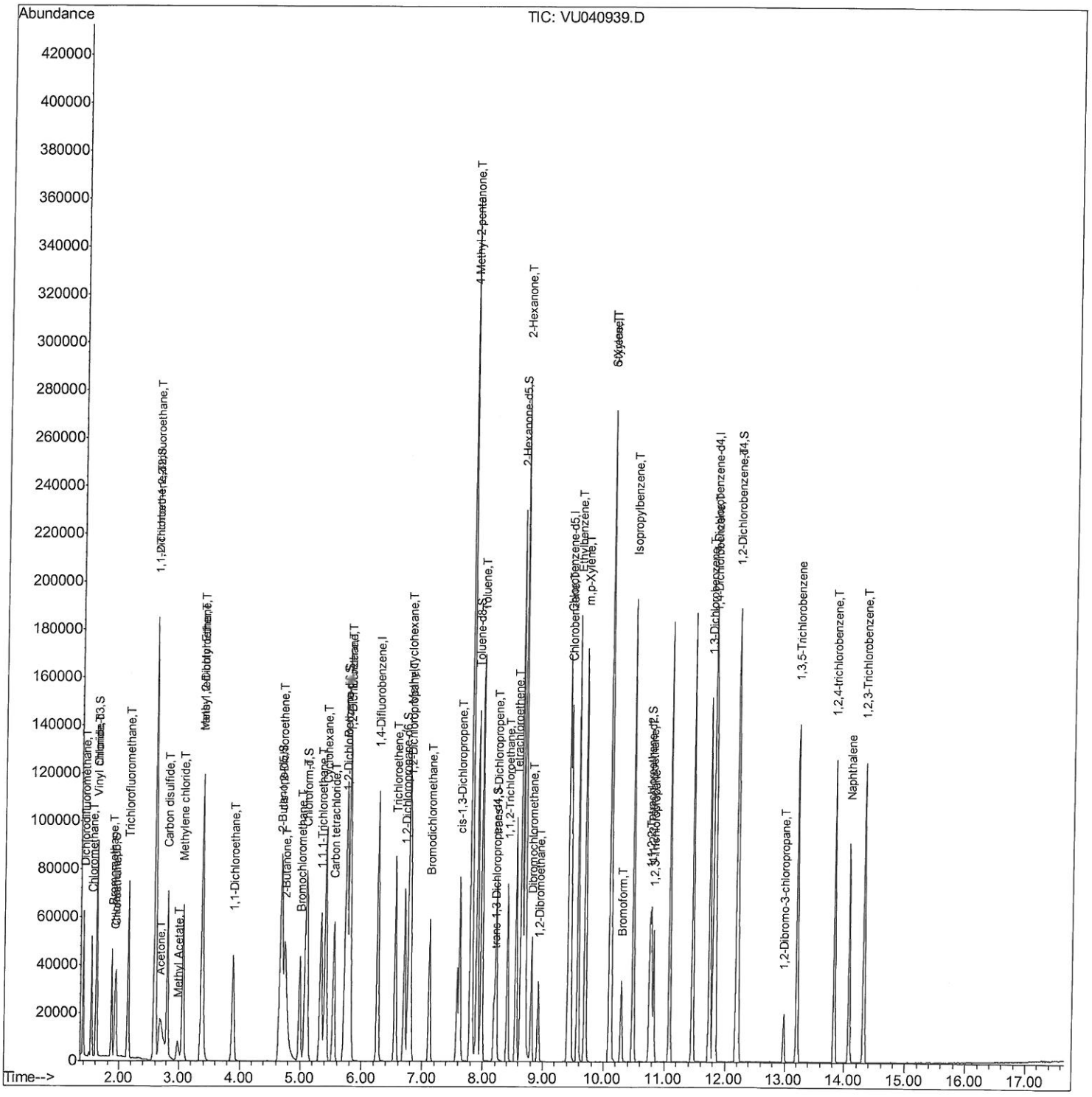
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102620\
Data File : VU040939.D
Acq On : 26 Oct 2020 12:46
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 27 03:18:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 27 03:00:07 2020
Response via : Initial Calibration

**Instrument :**
MSVOA_U
**ClientSampleId :**
VICV06

**Manual Integrations APPROVED**
MMDadoda
10/27/2020 3:11:08 PM



Quantitation Report (Qedit)

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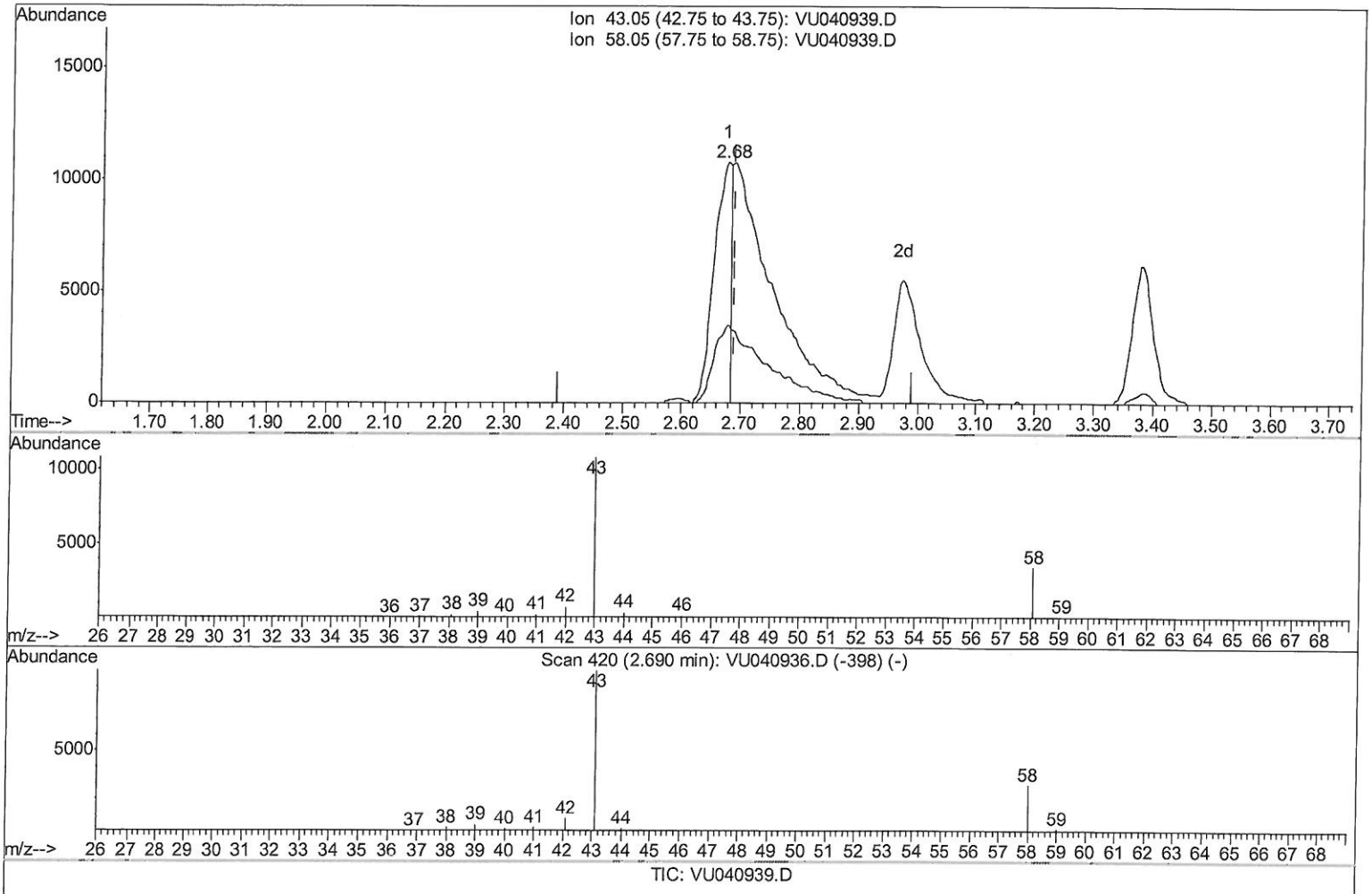


TIC: VU040939.D

(13) Acetone (T)

2.677min (-0.013) 13.98ug/L

response 22267

| Ion | Exp% | Act% |
|---|---|---|
| 43.05 | 100 | 100 |
| 58.05 | 12.70 | 82.46# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
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**ClientSampleId :**
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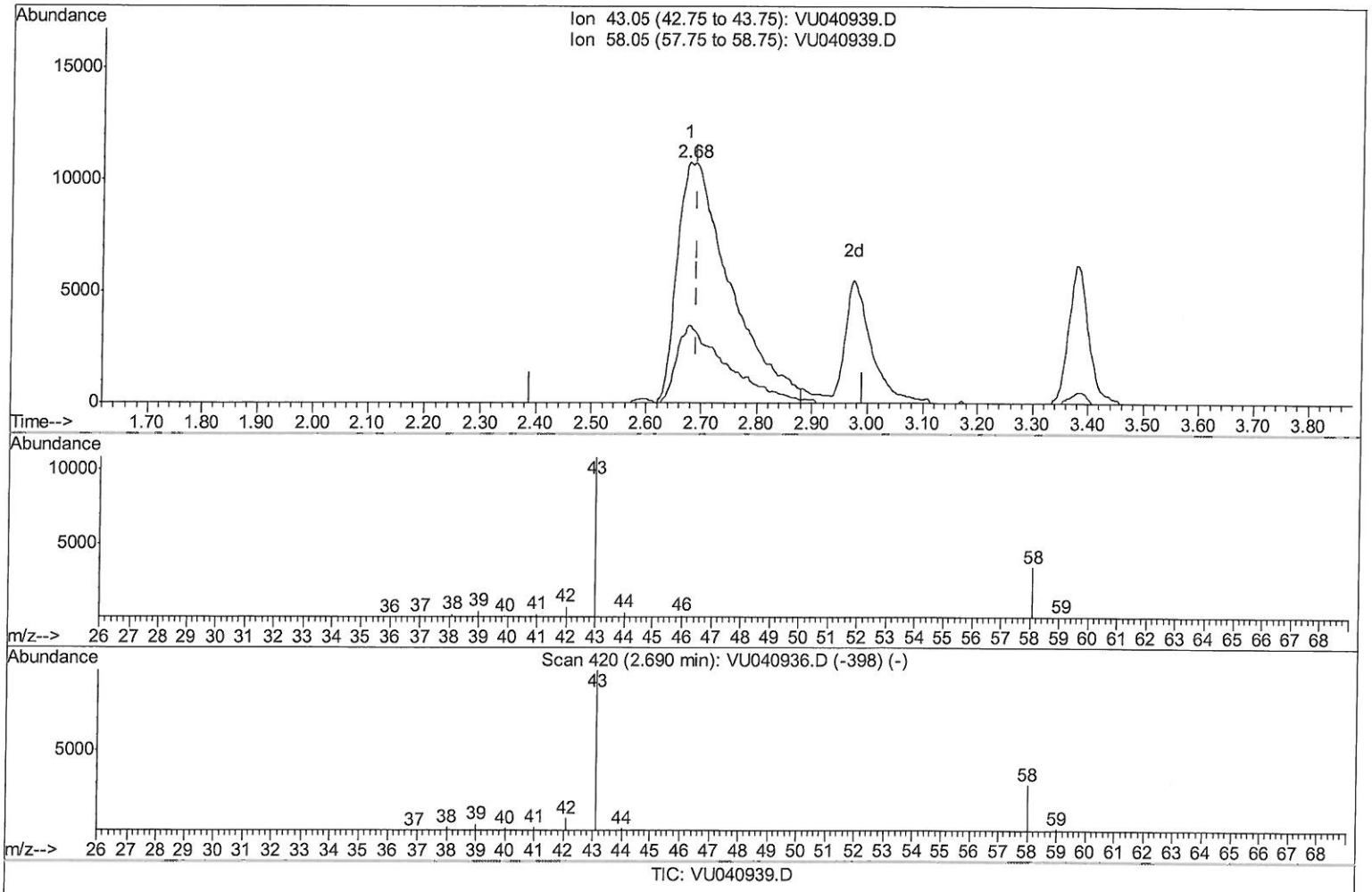
MMDadoda
10/27/2020 3:11:08 PM




TIC: VU040939.D

(13) Acetone (T)

2.677min (-0.013) 44.88ug/L m

response 71452

| Ion | Exp% | Act% |
|---|---|---|
| 43.05 | 100 | 100 |
| 58.05 | 12.70 | 25.70# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

JMD 10/27/20

Quantitation Report (QT Reviewed)

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MSVOA_U
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Manual Integrations APPROVED
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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 27 03:00:07 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.26 | 114 | 84180 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.42 | 117 | 82428 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152 | 41346 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.60 | 65 | 29633 | 4.19 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 83.80% | | | |
| 7) Chloroethane-d5 | 1.92 | 69 | 23328 | 4.29 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 85.80% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.58 | 63 | 58878 | 4.24 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 84.80% | | | |
| 20) 2-Butanone-d5 | 4.66 | 46 | 105787 | 45.42 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 90.84% | | | |
| 24) Chloroform-d | 5.08 | 84 | 52395 | 4.19 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 83.80% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.72 | 65 | 31564 | 4.07 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 81.40% | | | |
| 32) Benzene-d6 | 5.74 | 84 | 97323 | 4.41 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 88.20% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.70 | 67 | 32634 | 4.55 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 91.00% | | | |
| 41) Toluene-d8 | 7.90 | 98 | 89053 | 4.46 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 89.20% | | | |
| 43) trans-1,3-Dichloropropene- | 8.19 | 79 | 14159 | 4.55 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 91.00% | | | |
| 46) 2-Hexanone-d5 | 8.64 | 63 | 81207 | 48.48 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 96.96% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75 | 84 | 29803 | 4.47 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 89.40% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.19 | 152 | 32181 | 4.44 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 88.80% | | | |

| Target Compounds | | | | | | Qvalue |
|---|---|---|---|---|---|---|
| 2) Dichlorodifluoromethane | 1.39 | 85 | 32011 | 4.165 | ug/L | 97 |
| 3) Chloromethane | 1.53 | 50 | 34518 | 4.307 | ug/L | 100 |
| 5) Vinyl chloride | 1.61 | 62 | 34621 | 4.379 | ug/L | 100 |
| 6) Bromomethane | 1.87 | 94 | 19723 | 4.352 | ug/L | 99 |
| 8) Chloroethane | 1.94 | 64 | 21070 | 4.206 | ug/L | 97 |
| 9) Trichlorofluoromethane | 2.15 | 101 | 45172 | 4.204 | ug/L | 98 |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.59 | 101 | 27094 | 4.302 | ug/L | 99 |
| 12) 1,1-Dichloroethene | 2.59 | 96 | 25458 | 4.281 | ug/L | 97 |
| 13) Acetone | 2.68 | 43 | 71452m | 44.876 | ug/L | |
| 14) Carbon disulfide | 2.81 | 76 | 85018 | 4.279 | ug/L | 99 |
| 15) Methyl Acetate | 2.97 | 43 | 16627 | 4.564 | ug/L | 94 |
| 16) Methylene chloride | 3.06 | 84 | 28610 | 4.129 | ug/L | 96 |
| 17) Methyl tert-butyl Ether | 3.38 | 73 | 70135 | 4.583 | ug/L | 99 |
| 18) trans-1,2-Dichloroethene | 3.37 | 96 | 26008 | 4.304 | ug/L | 98 |
| 19) 1,1-Dichloroethane | 3.89 | 63 | 51713 | 4.281 | ug/L | 99 |
| 21) 2-Butanone | 4.74 | 43 | 115886 | 46.568 | ug/L | 99 |
| 22) cis-1,2-Dichloroethene | 4.68 | 96 | 27774 | 4.456 | ug/L | 99 |

MD 10/27/20

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| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 23) Bromochloromethane | 4.99 | 128 | 13005 | 4.422 ug/L | 96 |
| 25) Chloroform | 5.11 | 83 | 51667 | 4.265 ug/L | 97 |
| 27) 1,2-Dichloroethane | 5.81 | 62 | 39469 | 4.374 ug/L | 98 |
| 29) 1,1,1-Trichloroethane | 5.33 | 97 | 43996 | 4.364 ug/L | 97 |
| 30) Cyclohexane | 5.41 | 56 | 47108 | 4.743 ug/L | 99 |
| 31) Carbon tetrachloride | 5.54 | 117 | 38520 | 4.315 ug/L | 98 |
| 33) Benzene | 5.79 | 78 | 110977 | 4.506 ug/L | 100 |
| 34) Trichloroethene | 6.55 | 95 | 28355 | 4.524 ug/L | 97 |
| 35) Methylcyclohexane | 6.77 | 83 | 43838 | 4.689 ug/L | 98 |
| 37) 1,2-Dichloropropane | 6.80 | 63 | 29400 | 4.412 ug/L | 99 |
| 38) Bromodichloromethane | 7.12 | 83 | 38393 | 4.441 ug/L | 99 |
| 39) cis-1,3-Dichloropropene | 7.62 | 75 | 42061 | 4.584 ug/L | 99 |
| 40) 4-Methyl-2-pentanone | 7.80 | 43 | 254028 | 47.806 ug/L | 100 |
| 42) Toluene | 7.98 | 91 | 114782 | 4.596 ug/L | 99 |
| 44) trans-1,3-Dichloropropene | 8.21 | 75 | 39999 | 4.658 ug/L | 98 |
| 45) 1,1,2-Trichloroethane | 8.41 | 97 | 21948 | 4.424 ug/L | 93 |
| 47) Tetrachloroethene | 8.56 | 164 | 20721 | 4.496 ug/L | 94 |
| 48) 2-Hexanone | 8.69 | 43 | 189947 | 47.475 ug/L | 99 |
| 49) Dibromochloromethane | 8.82 | 129 | 25477 | 4.422 ug/L | 94 |
| 50) 1,2-Dibromoethane | 8.93 | 107 | 21389 | 4.524 ug/L | 99 |
| 51) Chlorobenzene | 9.45 | 112 | 70796 | 4.470 ug/L | 100 |
| 52) Ethylbenzene | 9.57 | 91 | 120842 | 4.597 ug/L | 99 |
| 53) m,p-Xylene | 9.69 | 106 | 44902 | 4.683 ug/L | 98 |
| 54) o-Xylene | 10.10 | 106 | 42741 | 4.787 ug/L | 95 |
| 55) Styrene | 10.11 | 104 | 76644 | 4.818 ug/L | 99 |
| 56) Isopropylbenzene | 10.48 | 105 | 116645 | 4.858 ug/L | 100 |
| 58) 1,1,2,2-Tetrachloroethane | 10.78 | 83 | 29875 | 4.585 ug/L | 98 |
| 59) 1,2,3-Trichloropropane | 10.82 | 75 | 22340 | 4.498 ug/L | 100 |
| 61) Bromoform | 10.29 | 173 | 14694 | 4.612 ug/L | 97 |
| 62) 1,3-Dichlorobenzene | 11.74 | 146 | 56800 | 4.759 ug/L | 97 |
| 63) 1,4-Dichlorobenzene | 11.83 | 146 | 57387 | 4.643 ug/L | 99 |
| 65) 1,2-Dichlorobenzene | 12.20 | 146 | 53482 | 4.541 ug/L | 97 |
| 66) 1,2-Dibromo-3-chloropropan | 12.99 | 75 | 5309 | 4.599 ug/L | 92 |
| 67) 1,3,5-Trichlorobenzene | 13.21 | 180 | 38985 | 4.671 ug/L | 99 |
| 68) 1,2,4-trichlorobenzene | 13.83 | 180 | 34429 | 4.979 ug/L | 98 |
| 69) Naphthalene | 14.08 | 128 | 66095 | 5.346 ug/L | 99 |
| 70) 1,2,3-Trichlorobenzene | 14.32 | 180 | 34295 | 5.381 ug/L | 94 |

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