Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072318\
Data File : VV006699.D
Acq On : 23 Jul 2018 14:39
Operator : SY/MD
Sample : VSTD01078
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 24 02:23:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 24 02:05:01 2018
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD01078

Manual Integrations APPROVED
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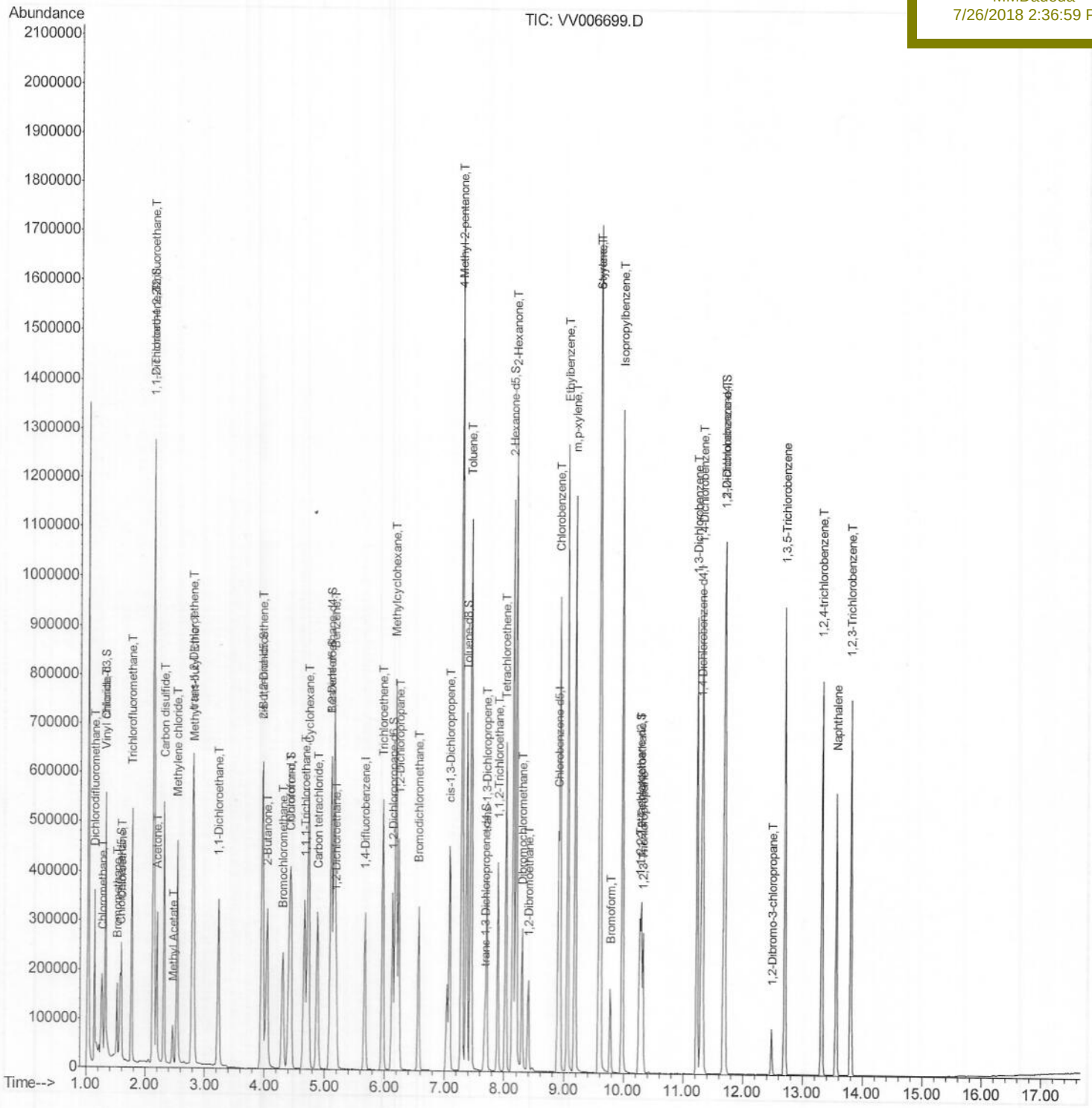
7/26/2018 2:36:59 PM



Quantitation Report (Qedit)

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Data File : VV006699.D
Acq On : 23 Jul 2018 14:39
Operator : SY/MD
Sample : VSTD01078
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ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 24 02:06:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 24 02:05:01 2018
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD01078

Manual Integrations APPROVED
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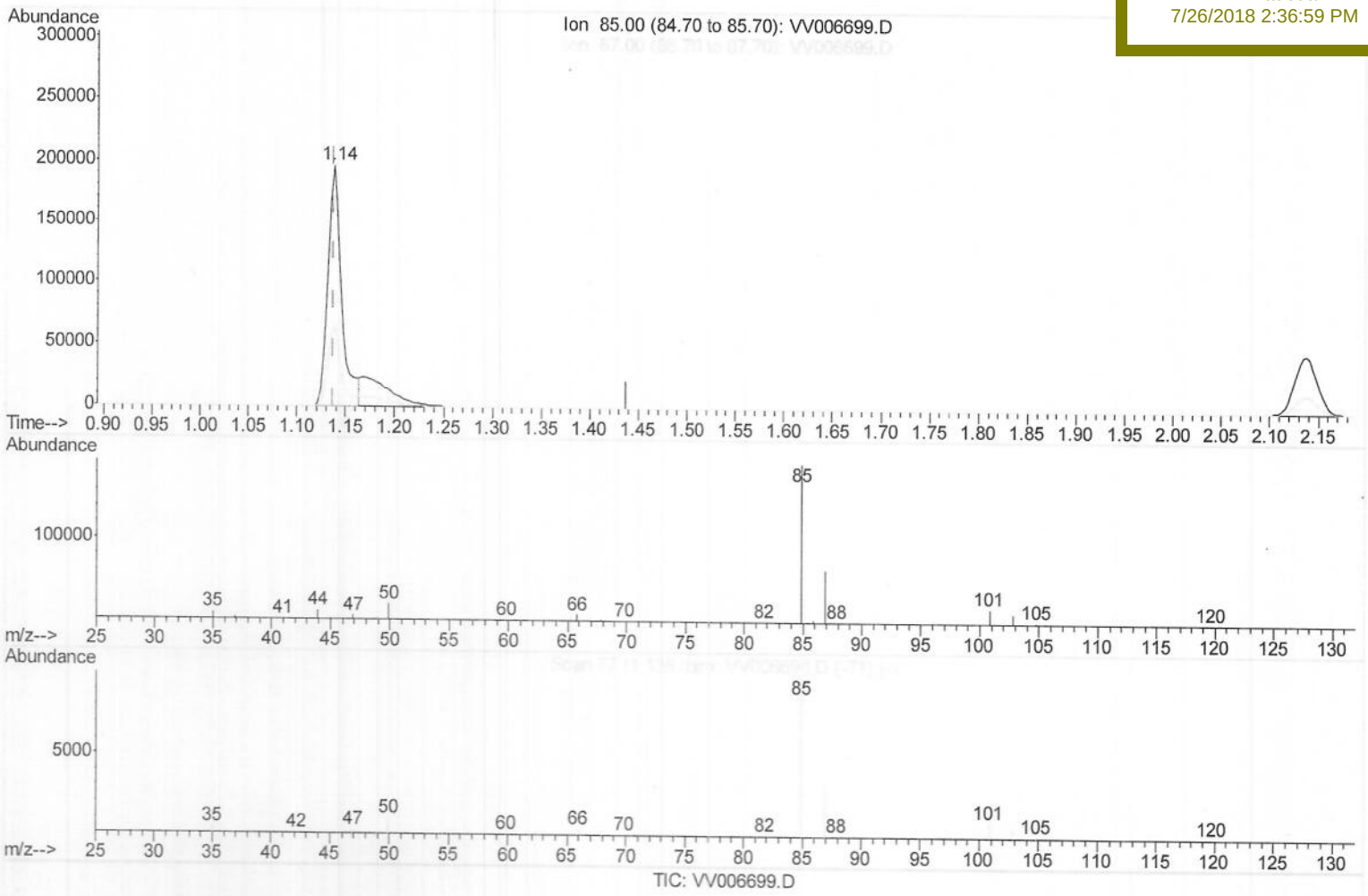
7/26/2018 2:36:59 PM



TIC: VV006699.D

(2) Dichlorodifluoromethane (T)

1.138min (-0.000) 8.89ug/L

response 191522

Ion	Exp%	Act%
85.00	100	100
87.00	24.90	32.12#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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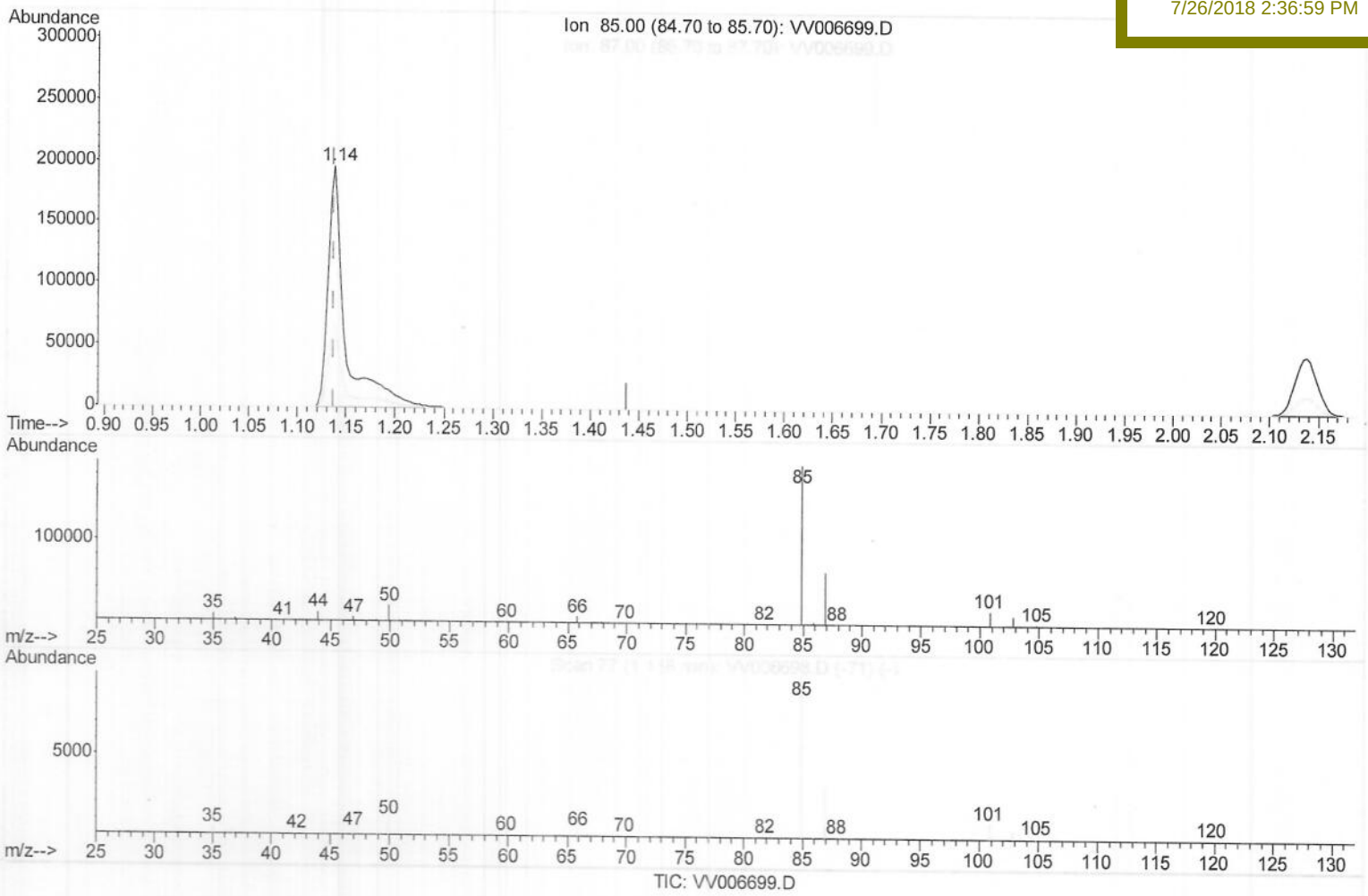
Manual Integrations APPROVED
MMDadoda
7/26/2018 2:36:59 PM



TIC: VV006699.D

(2) Dichlorodifluoromethane (T)

1.138min (-0.000) 11.13ug/L m MD 08/07/18

response 239782

Ion	Exp%	Act%
85.00	100	100
87.00	24.90	25.65
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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7/26/2018 2:36:59 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	271064	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	254964	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	124090	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	145130	10.29	ug/L	0.00
7) Chloroethane-d5	1.57	69	112320	10.14	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	278468	10.06	ug/L	0.00
20) 2-Butanone-d5	3.95	46	468639	106.32	ug/L	0.00
24) Chloroform-d	4.41	84	273571	10.33	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	131723	10.21	ug/L	0.00
32) Benzene-d6	5.10	84	539132	10.29	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	180312	10.18	ug/L	0.00
41) Toluene-d8	7.37	98	480787	10.49	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	62360	10.79	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	415272	113.53	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	149207	10.33	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	187319	10.13	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	239782m	11.132	ug/L	
3) Chloromethane	1.26	50	213552	10.312	ug/L	97
5) Vinyl chloride	1.32	62	259449	10.002	ug/L	95
6) Bromomethane	1.52	94	60550	9.538	ug/L	97
8) Chloroethane	1.59	64	133788	9.424	ug/L	99
9) Trichlorofluoromethane	1.76	101	294468	9.896	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	181050	9.984	ug/L	99
12) 1,1-Dichloroethene	2.14	96	175153	9.864	ug/L	96
13) Acetone	2.19	43	273626	97.565	ug/L	99
14) Carbon disulfide	2.31	76	589151	9.866	ug/L	99
15) Methyl Acetate	2.46	43	81444	9.796	ug/L	97
16) Methylene chloride	2.54	84	187305	9.201	ug/L	100
17) Methyl tert-butyl Ether	2.81	73	434653	9.978	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	189961	9.849	ug/L	98
19) 1,1-Dichloroethane	3.23	63	349114	9.840	ug/L	100
21) 2-Butanone	4.04	43	478532	101.869	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	201445	10.016	ug/L	99
23) Bromochloromethane	4.30	128	83215	10.055	ug/L	99
25) Chloroform	4.43	83	325793	9.786	ug/L	97
27) 1,2-Dichloroethane	5.19	62	191852	9.822	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	273428	9.968	ug/L	100
30) Cyclohexane	4.72	56	319639	10.408	ug/L	99
31) Carbon tetrachloride	4.88	117	237948	10.149	ug/L	100
33) Benzene	5.15	78	770241	10.049	ug/L	100
34) Trichloroethene	5.96	95	189638	9.801	ug/L	99
35) Methylcyclohexane	6.18	83	338478	10.472	ug/L	99
37) 1,2-Dichloropropane	6.23	63	191853	9.750	ug/L	100
38) Bromodichloromethane	6.56	83	221795	10.092	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	268412	10.472	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	1113956	102.987	ug/L	98

) MD 08/07/18

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VSTD01078

Manual Integrations APPROVED
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7/26/2018 2:36:59 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) Toluene	7.44	91	805774	10.209 ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	214708	10.653 ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	131867	9.951 ug/L	98
47) Tetrachloroethene	8.02	164	154284	10.039 ug/L	99
48) 2-Hexanone	8.19	43	796500	105.533 ug/L	100
49) Dibromochloromethane	8.30	129	145545	10.378 ug/L	99
50) 1,2-Dibromoethane	8.40	107	119616	10.100 ug/L	100
51) Chlorobenzene	8.93	112	510741	9.949 ug/L	100
52) Ethylbenzene	9.06	91	876278	10.415 ug/L	100
53) m,p-xylene	9.19	106	337369	10.622 ug/L	100
54) o-xylene	9.59	106	329692	10.655 ug/L	99
55) Styrene	9.61	104	567679	10.878 ug/L	99
56) Isopropylbenzene	9.98	105	867089	10.791 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	162989	10.054 ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	115320	9.958 ug/L	99
61) Bromoform	9.78	173	75894	10.063 ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	385267	10.044 ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	389873	9.973 ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	372784	9.977 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	22505	10.064 ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	301772	10.304 ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	245674	10.560 ug/L	99
69) Naphthalene	13.56	128	447044	11.229 ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	232691	10.569 ug/L	99

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