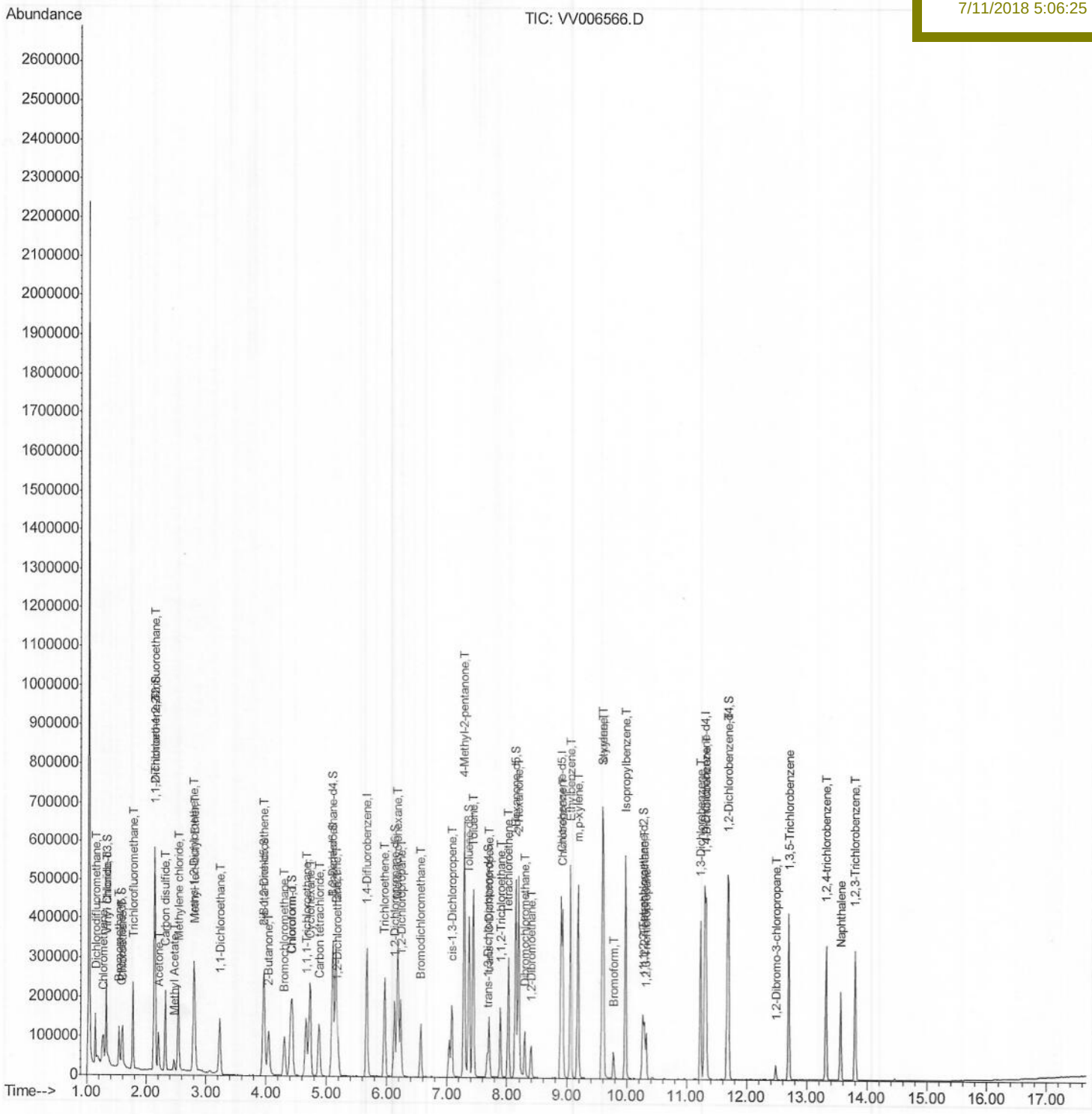
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071018\
Data File : VV006566.D
Acq On : 10 Jul 2018 12:28
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 11 03:31:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jul 09 22:52:57 2018
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTD00569

Manual Integrations APPROVED
MMDadoda
7/11/2018 5:06:25 PM



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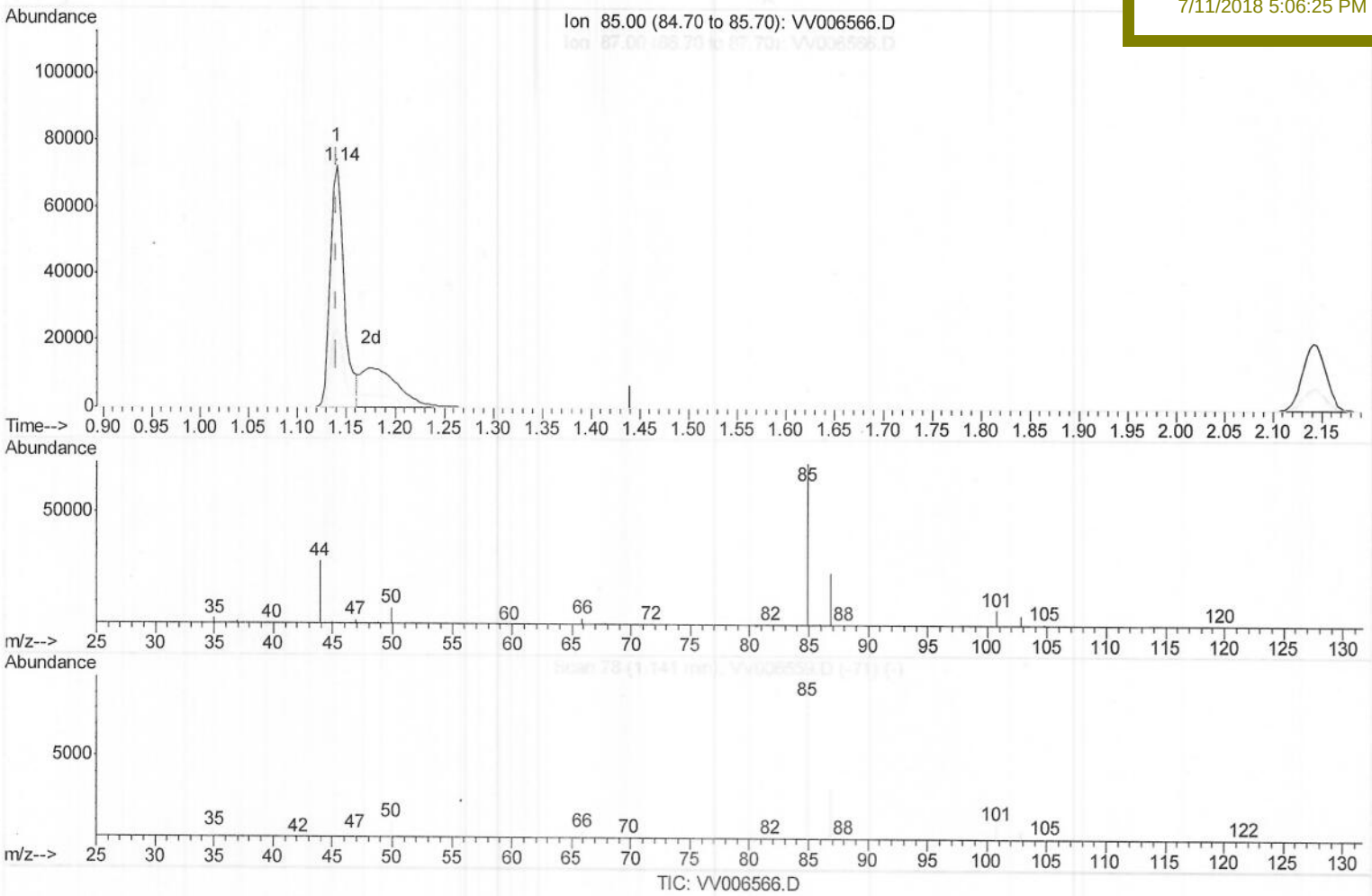

TIC: VV006566.D

(2) Dichlorodifluoromethane (T)

1.141min (+0.000) 3.10ug/L

response 69550

Ion	Exp%	Act%
85.00	100	100
87.00	32.10	32.36
0.00	0.00	0.00
0.00	0.00	0.00

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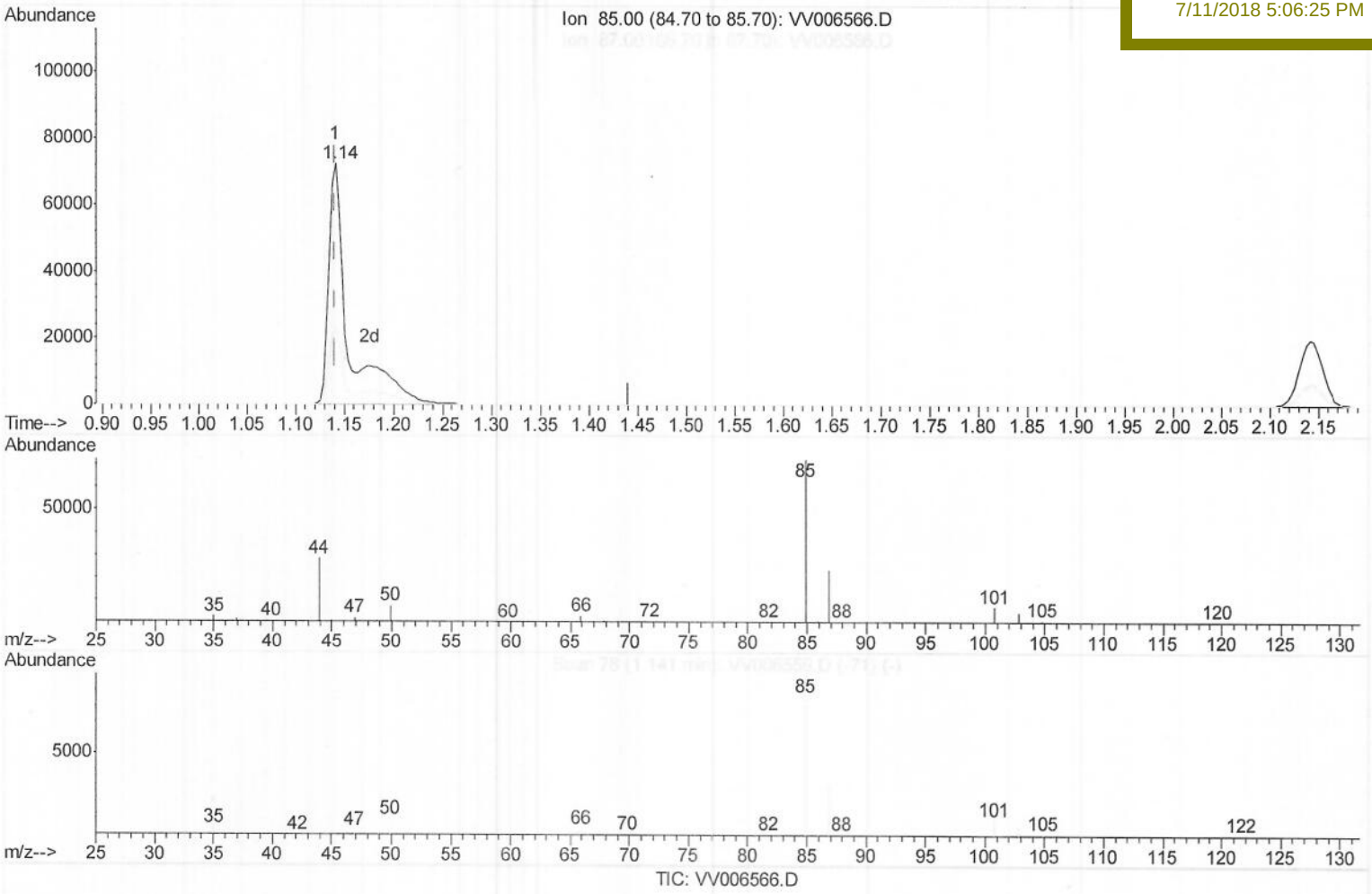

TIC: VV006566.D

(2) Dichlorodifluoromethane (T)

1.141min (+0.000) 4.48ug/L m

response 100606

MD 07/16/18

Ion	Exp%	Act%
85.00	100	100
87.00	32.10	22.37#
0.00	0.00	0.00
0.00	0.00	0.00

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7/11/2018 5:06:25 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	286259	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	262378	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	127456	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	72371	4.65	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.00%			
7) Chloroethane-d5	1.58	69	57337	4.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.40%			
11) 1,1-Dichloroethene-d2	2.13	63	132307	4.57	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.40%			
20) 2-Butanone-d5	3.96	46	205227	51.91	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.82%			
24) Chloroform-d	4.41	84	152728	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.80%			
26) 1,2-Dichloroethane-d4	5.09	65	71598	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.60%			
32) Benzene-d6	5.10	84	301045	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%			
36) 1,2-Dichloropropane-d6	6.12	67	97372	5.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.40%			
41) Toluene-d8	7.36	98	272381	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.80%			
43) trans-1,3-Dichloropropene-	7.67	79	35226	5.35	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 107.00%			
46) 2-Hexanone-d5	8.14	63	179640	54.03	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.06%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	77739	5.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.80%			
64) 1,2-Dichlorobenzene-d4	11.68	152	110792	5.05	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	100606m	4.481	ug/L	
3) Chloromethane	1.27	50	110824	4.036	ug/L	100
5) Vinyl chloride	1.32	62	109152	4.283	ug/L	98
6) Bromomethane	1.54	94	45984	3.893	ug/L	99
8) Chloroethane	1.60	64	57339	3.707	ug/L	100
9) Trichlorofluoromethane	1.77	101	127705	4.453	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	81454	4.598	ug/L	100
12) 1,1-Dichloroethene	2.14	96	74866	4.177	ug/L	98
13) Acetone	2.20	43	108040	43.213	ug/L	99
14) Carbon disulfide	2.32	76	227063	4.236	ug/L	100
15) Methyl Acetate	2.47	43	30810	4.186	ug/L	98
16) Methylene chloride	2.54	84	93420	4.623	ug/L	100
17) Methyl tert-butyl Ether	2.81	73	181131	4.266	ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	83703	4.281	ug/L	97
19) 1,1-Dichloroethane	3.23	63	143083	4.216	ug/L	99
21) 2-Butanone	4.04	43	179781	43.826	ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	89945	4.282	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	37523	4.361	ug/L	98
25) Chloroform	4.43	83	144050	4.267	ug/L	99
27) 1,2-Dichloroethane	5.19	62	79647	4.155	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	119151	4.334	ug/L	99
30) Cyclohexane	4.73	56	130365	4.457	ug/L	98
31) Carbon tetrachloride	4.88	117	102011	4.436	ug/L	99
33) Benzene	5.15	78	336066	4.291	ug/L	100
34) Trichloroethene	5.96	95	86815	4.322	ug/L	99
35) Methylcyclohexane	6.18	83	148097	4.579	ug/L	98
37) 1,2-Dichloropropane	6.23	63	80722	4.214	ug/L	99
38) Bromodichloromethane	6.56	83	91064	4.216	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	112199	4.364	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	420669	43.329	ug/L	100
42) Toluene	7.44	91	355470	4.364	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	86115	4.339	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	57683	4.304	ug/L	99
47) Tetrachloroethene	8.02	164	73197	4.432	ug/L	97
48) 2-Hexanone	8.19	43	303180	44.040	ug/L	98
49) Dibromochloromethane	8.30	129	59429	4.252	ug/L	96
50) 1,2-Dibromoethane	8.40	107	52592	4.311	ug/L	100
51) Chlorobenzene	8.93	112	229400	4.305	ug/L	99
52) Ethylbenzene	9.06	91	379451	4.385	ug/L	100
53) m,p-xylene	9.19	106	148398	4.451	ug/L	100
54) o-xylene	9.59	106	143790	4.406	ug/L	99
55) Styrene	9.61	104	244496	4.455	ug/L	97
56) Isopropylbenzene	9.98	105	374805	4.478	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	66898	4.231	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	49344	4.329	ug/L	99
61) Bromoform	9.78	173	30866	4.227	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	173658	4.320	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	177261	4.338	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	167653	4.317	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	8580	4.135	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	138666	4.354	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	110458	4.359	ug/L	99
69) Naphthalene	13.56	128	181494	4.218	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	103625	4.362	ug/L	99

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