Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY112320\
Data File : VY003583.D
Acq On : 23 Nov 2020 10:23
Operator : SY/MD
Sample : VSTD2.532
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 23 11:43:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM112320SMA.M
Quant Title : VOC Analysis
QLast Update : Mon Nov 23 11:38:00 2020
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTD2.5402

Manual Integrations APPROVED
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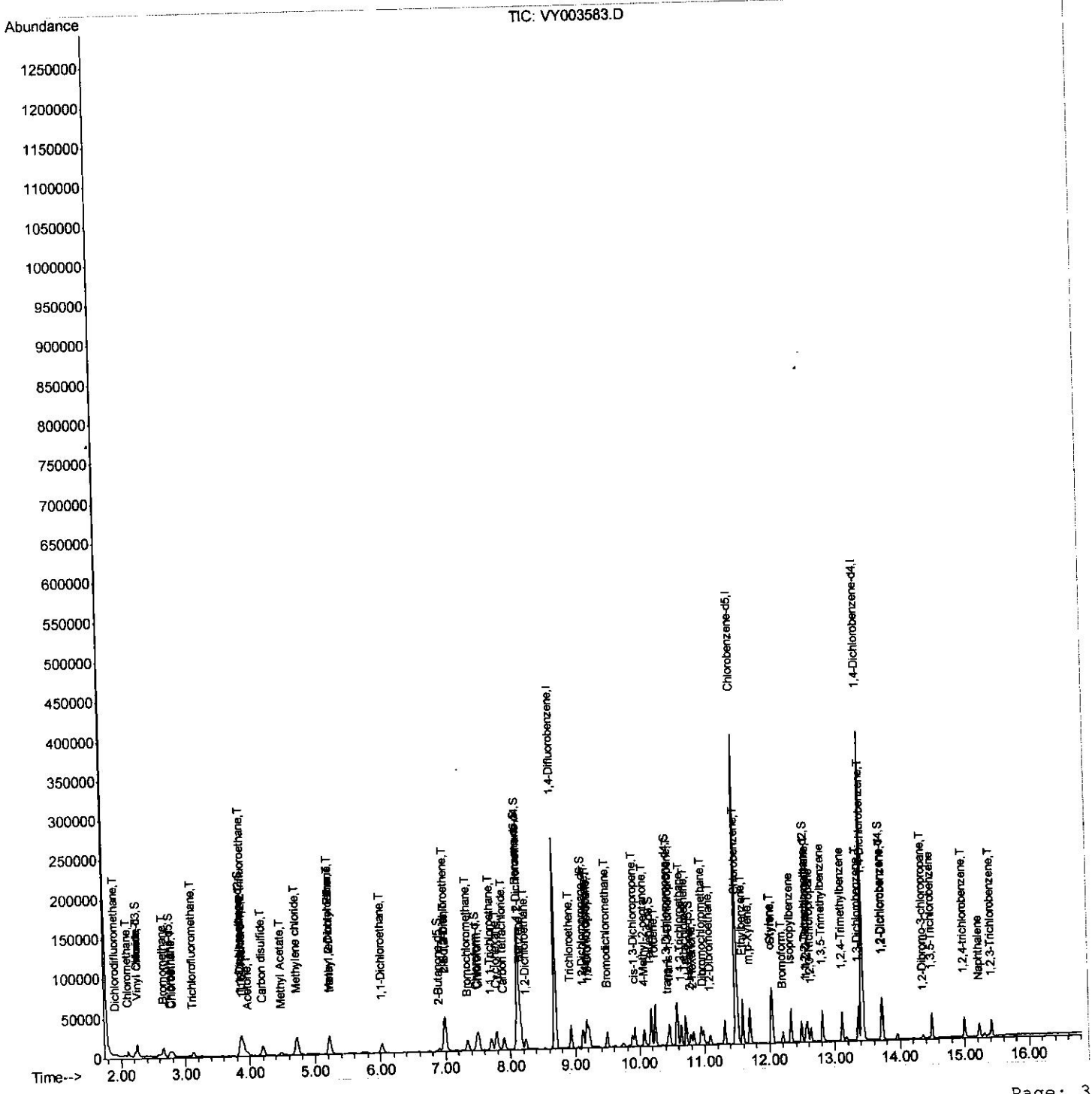
11/24/2020 2:57:21 PM



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Quant Title : VOC Analysis
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Response via : Initial Calibration

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ClientSampleId :
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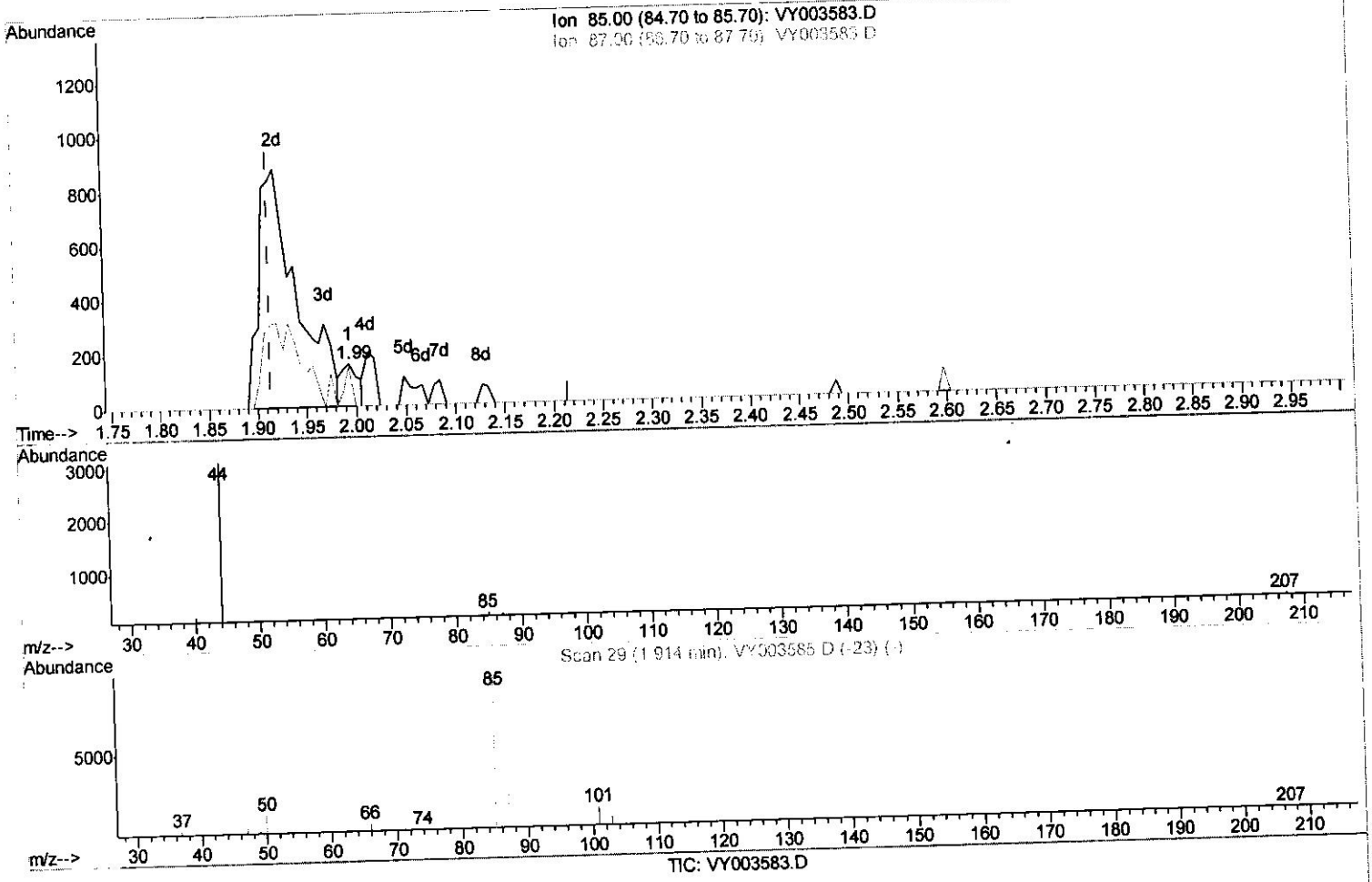

(2) Dichlorodifluoromethane (T)

1.993min (+0.079) 0.05ug/L

response 179

Ion	Exp%	Act%
85.00	100	100
87.00	34.00	40.22
0.00	0.00	0.00
0.00	0.00	0.00

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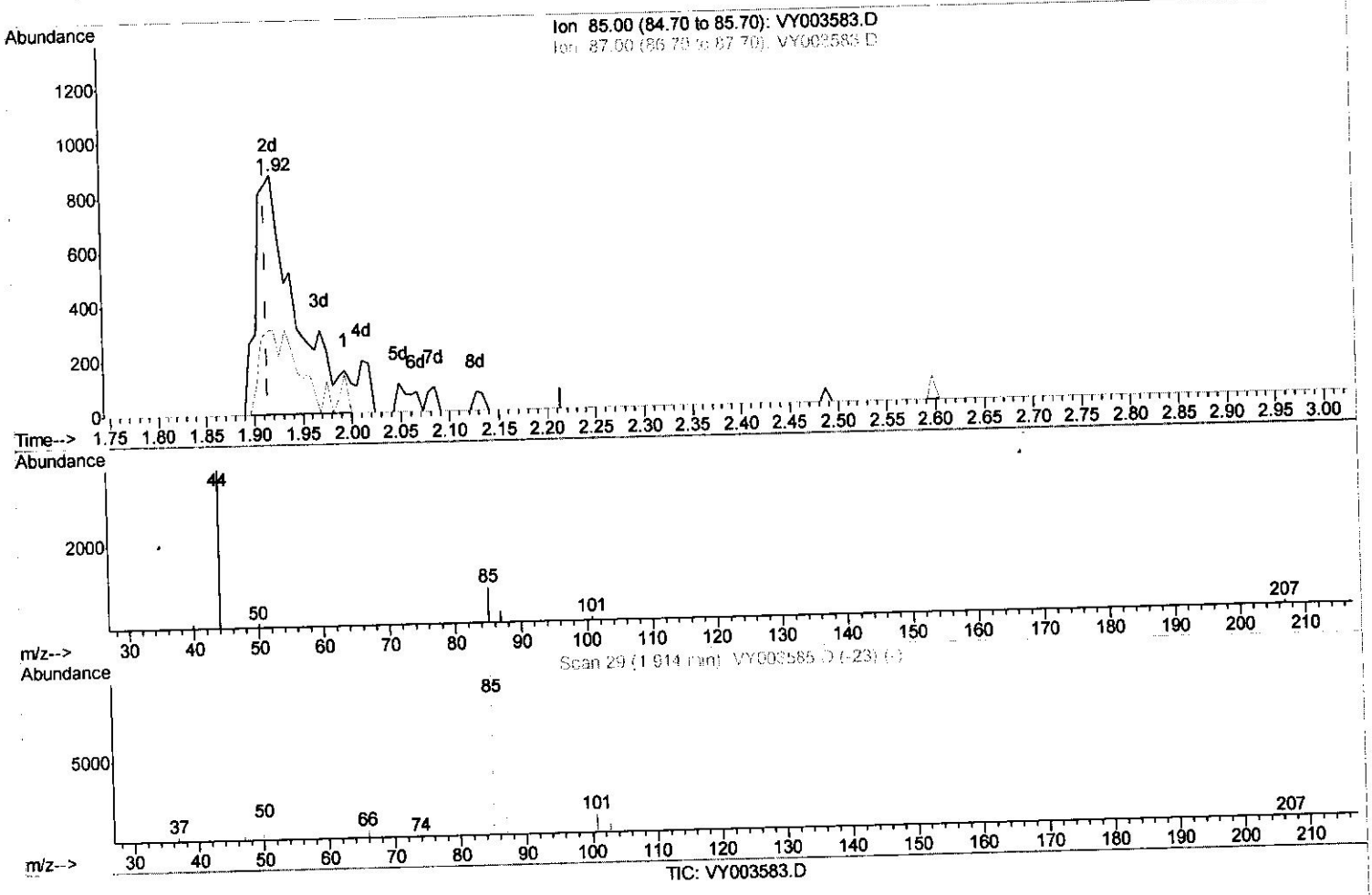

(2) Dichlorodifluoromethane (T)

1.920min (+0.006) 0.73ug/L m

response 2680

Ion	Exp%	Act%
85.00	100	100
87.00	34.00	2.69#
0.00	0.00	0.00
0.00	0.00	0.00

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ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 23 11:43:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM112320SMA.M
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Instrument : MSVOA_Y
ClientSampleId : VSTD2.5402

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	226993	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.49	117	207756	25.00	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	101146	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.25	65	8679	2.64	ug/L		0.00
7) Chloroethane-d5	2.77	69	6798	2.59	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.85	63	17830	2.97	ug/L		0.00
21) 2-Butanone-d5	6.91	46	6746	5.81	ug/L		0.00
24) Chloroform-d	7.48	84	16998	3.33	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.14	65	9883	2.96	ug/L		0.00
32) Benzene-d6	8.11	84	35862	3.15	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.12	67	10976	3.08	ug/L		0.00
41) Toluene-d8	10.17	98	30967	2.89	ug/L		0.00
43) trans-1,3-Dichloropropene-	10.43	79	4832	2.84	ug/L		0.00
47) 2-Hexanone-d5	10.78	63	4451	5.18	ug/L		0.00
56) 1,1,2,2-Tetrachloroethane-	12.56	84	8688	2.75	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.72	152	8982	2.39	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.92	85	2680m	0.732	ug/L		
3) Chloromethane	2.11	50	6627	1.613	ug/L		97
5) Vinyl chloride	2.26	62	8505	1.822	ug/L		99
6) Bromomethane	2.66	94	6304	2.255	ug/L		98
8) Chloroethane	2.80	64	5120	1.973	ug/L		100
9) Trichlorofluoromethane	3.12	101	5890	1.172	ug/L		98
10) 1,1,2-Trichloro-1,2,2-trif	3.90	101	8215	2.507	ug/L	#	73
12) 1,1-Dichloroethene	3.87	96	8783	2.801	ug/L		83
13) Acetone	3.97	43	5467	6.793	ug/L		92
14) Carbon disulfide	4.19	76	28109	2.558	ug/L		99
15) Methyl Acetate	4.49	43	6383	3.254	ug/L	#	83
16) Methylene chloride	4.72	84	16358	4.158	ug/L		96
17) trans-1,2-Dichloroethene	5.22	96	9596	2.839	ug/L		93
18) Methyl tert-butyl Ether	5.23	73	13218	1.735	ug/L	#	91
19) 1,1-Dichloroethane	6.02	63	15767	2.671	ug/L	#	91
20) cis-1,2-Dichloroethene	6.99	96	9575	2.704	ug/L		99
22) 2-Butanone	7.00	43	8693	6.676	ug/L		95
23) Bromochloromethane	7.35	128	4754	2.783	ug/L	#	79
25) Chloroform	7.51	83	16171	2.408	ug/L		87
27) 1,2-Dichloroethane	8.24	62	10989	2.693	ug/L	#	89
29) Cyclohexane	7.78	56	12767	2.347	ug/L		98
30) 1,1,1-Trichloroethane	7.71	97	11983	2.303	ug/L		96
31) Carbon tetrachloride	7.90	117	11717	2.485	ug/L		94
33) Benzene	8.16	78	37626	2.872	ug/L		100
34) Trichloroethene	8.94	95	9346	2.686	ug/L		90
35) Methylcyclohexane	9.18	83	13546	2.346	ug/L		98
37) 1,2-Dichloropropane	9.21	63	9532	2.884	ug/L		98
38) Bromodichloromethane	9.50	83	12085	2.788	ug/L		97
39) cis-1,3-Dichloropropene	9.92	75	13452	2.563	ug/L		94
40) 4-Methyl-2-pentanone	10.07	43	14281	5.326	ug/L		100

m·D 11/24/20

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	10.24	91	37876	2.676	ug/L		98
44) trans-1,3-Dichloropropene	10.46	75	12986	2.702	ug/L		99
45) 1,1,2-Trichloroethane	10.64	97	7305	2.789	ug/L		91
46) Tetrachloroethene	10.72	164	8370	2.696	ug/L		93
48) 2-Hexanone	10.83	43	10503	5.428	ug/L		98
49) Dibromochloromethane	10.98	129	8538	2.663	ug/L		97
50) 1,2-Dibromoethane	11.09	107	6943	2.761	ug/L		90
51) Chlorobenzene	11.51	112	24219	2.627	ug/L		96
52) Ethylbenzene	11.59	91	36554	2.355	ug/L		95
53) m,p-Xylene	11.69	106	14104	2.376	ug/L		82
54) o-Xylene	12.02	106	11655	2.074	ug/L		97
55) Styrene	12.04	104	22142	2.241	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.58	83	8575	2.766	ug/L		98
59) Bromoform	12.20	173	5790	2.849	ug/L	#	38
60) Isopropylbenzene	12.33	105	26790	2.007	ug/L		98
61) 1,2,3-Trichloropropane	12.63	75	6749	3.025	ug/L		95
62) 1,3,5-Trimethylbenzene	12.81	105	19615	1.811	ug/L		98
63) 1,2,4-Trimethylbenzene	13.12	105	19675	1.895	ug/L		97
64) 1,3-Dichlorobenzene	13.36	146	17506	2.572	ug/L		96
65) 1,4-Dichlorobenzene	13.44	146	19060	2.763	ug/L		97
67) 1,2-Dichlorobenzene	13.74	146	14723	2.396	ug/L		98
68) 1,2-Dibromo-3-chloropropan	14.36	75	1141	2.197	ug/L	#	84
69) 1,3,5-Trichlorobenzene	14.50	180	9505	1.958	ug/L		99
70) 1,2,4-trichlorobenzene	15.00	180	7735	1.902	ug/L		98
71) Naphthalene	15.23	128	12299	1.677	ug/L	#	96
72) 1,2,3-Trichlorobenzene	15.42	180	5651	1.640	ug/L		94

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