

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102418\
Data File : VW006310.D
Acq On : 24 Oct 2018 10:11
Operator : SY/AP
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

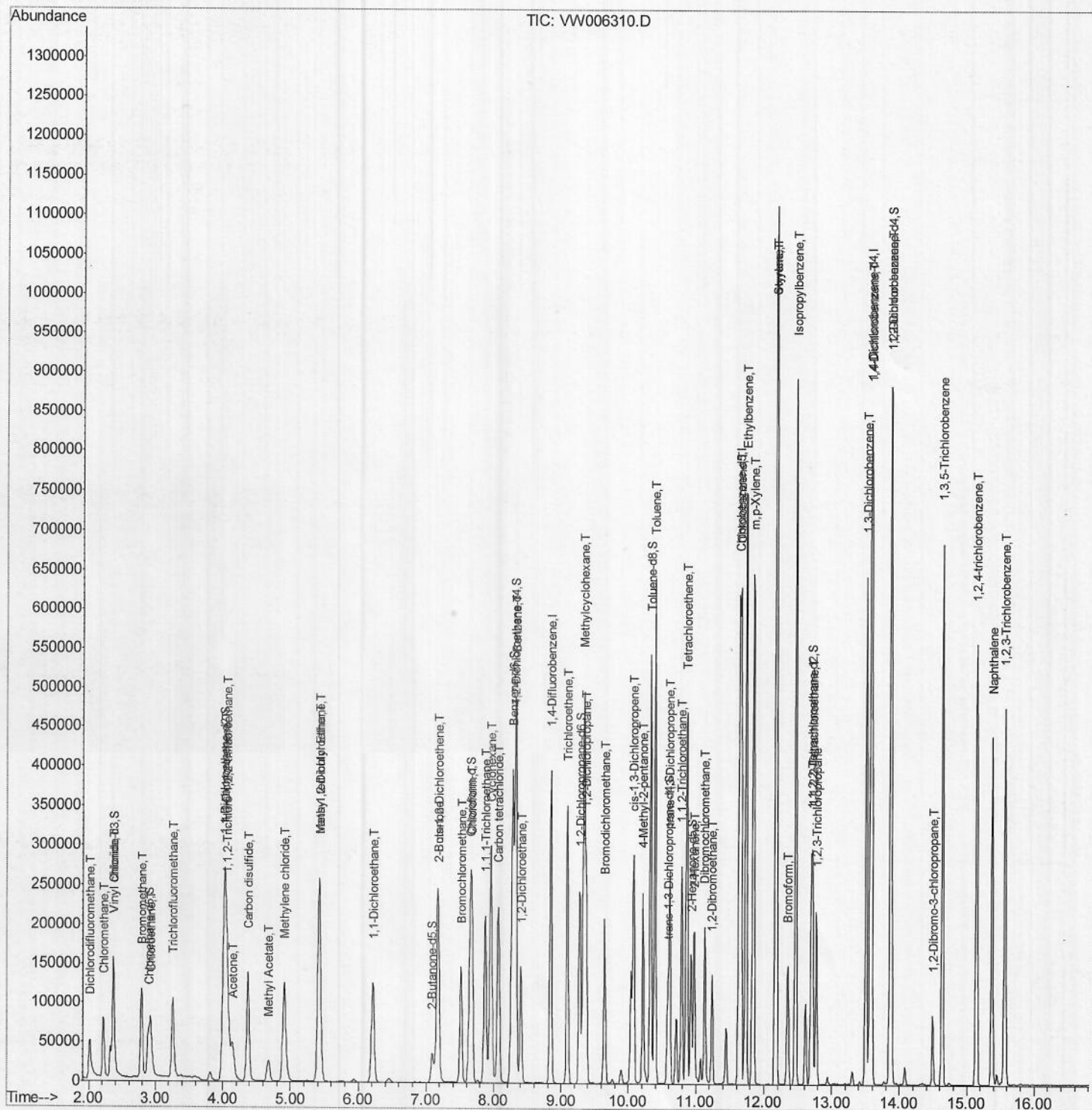
Quant Time: Oct 25 07:31:04 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M

Quant Title : VOC Analysis

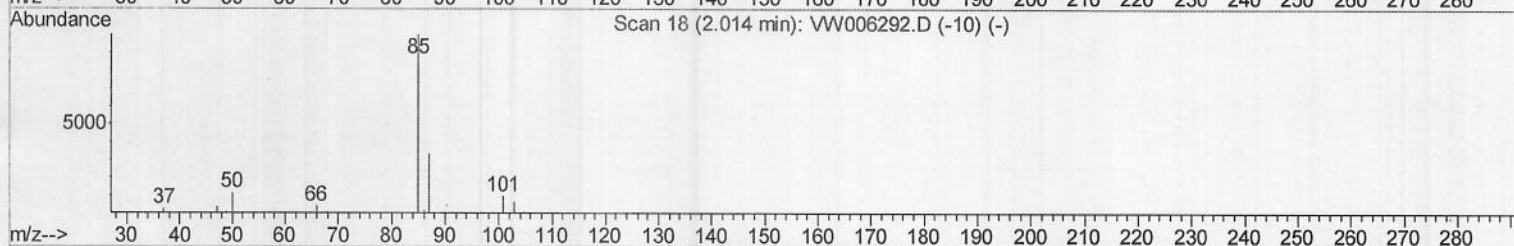
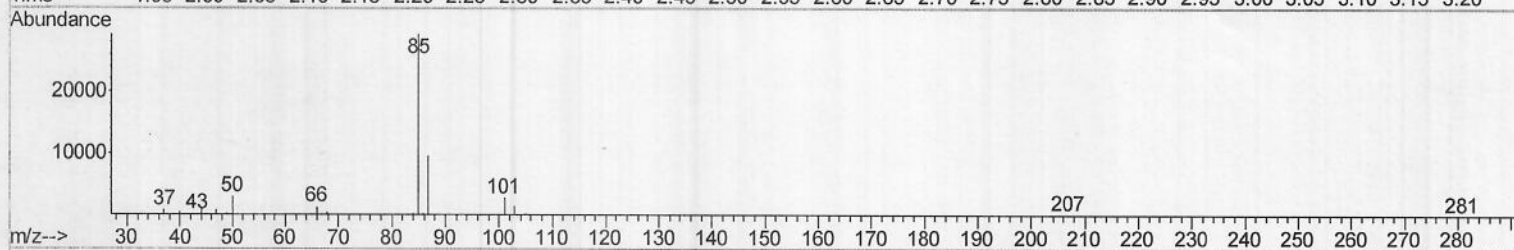
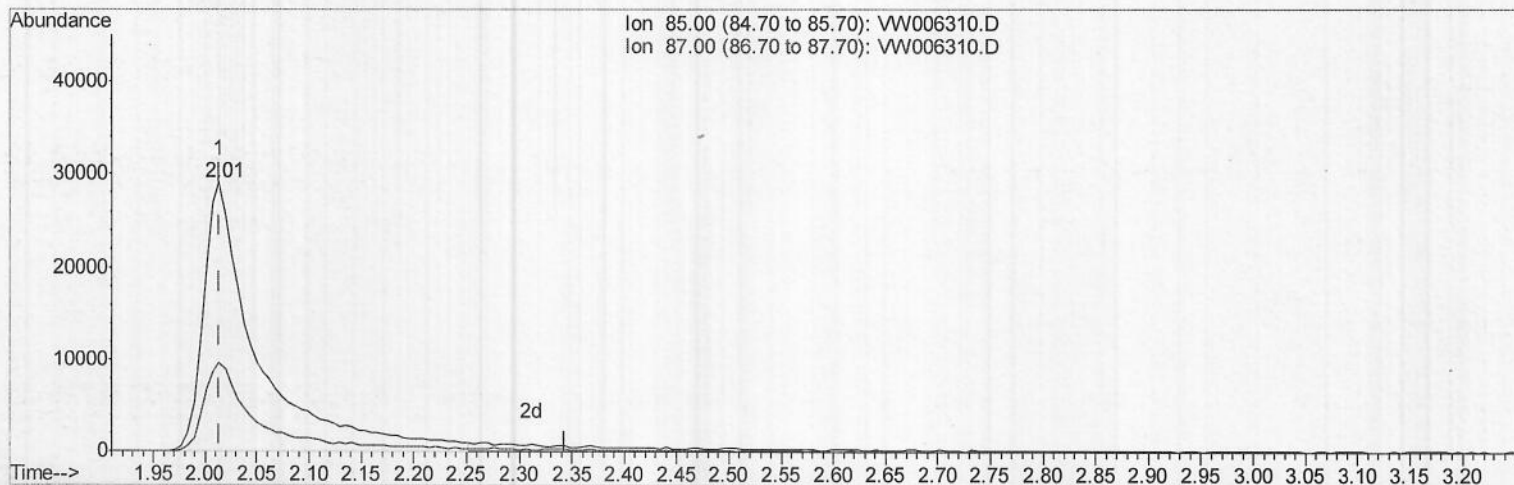
QLast Update : Wed Oct 24 01:59:01 2018

Response via : Initial Calibration



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TIC: VW006310.D

(2) Dichlorodifluoromethane (T)

2.014min (-0.000) 32.46ug/L m

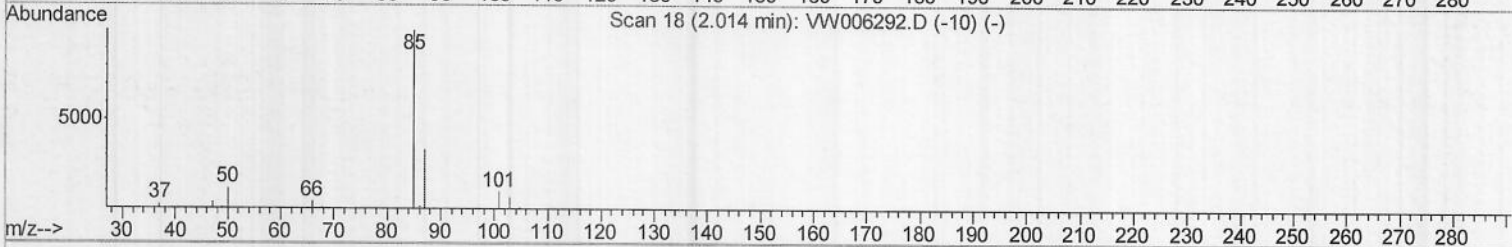
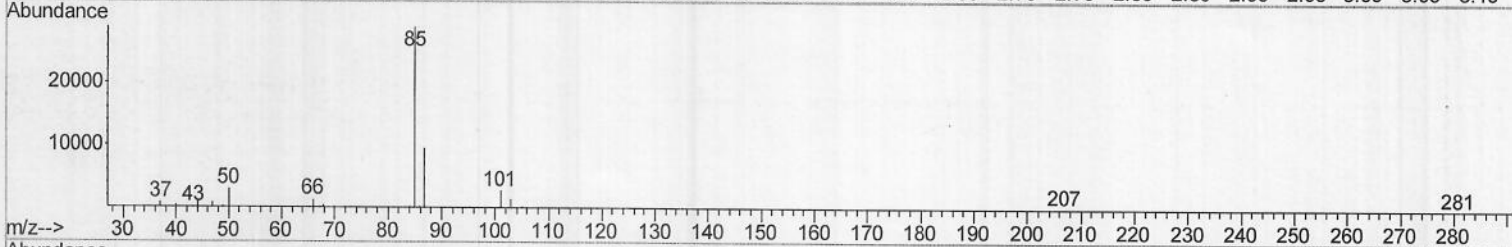
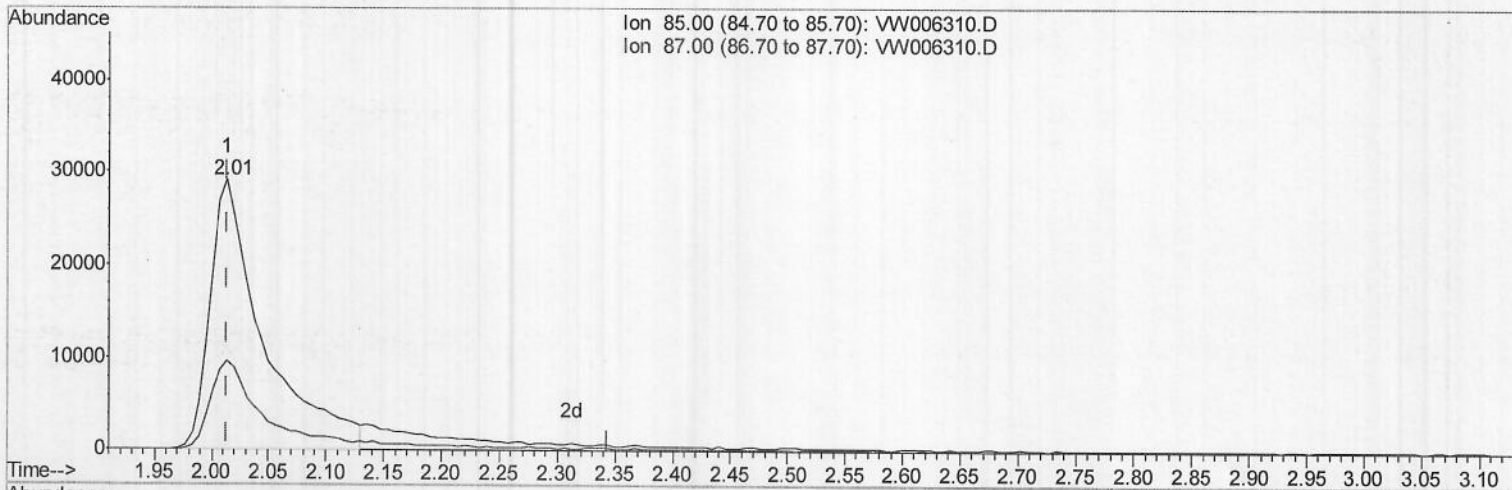
response 106983

Ion	Exp%	Act%
85.00	100	100
87.00	27.40	28.42
0.00	0.00	0.00
0.00	0.00	0.00

MD
10/25/18

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TIC: VW006310.D

(2) Dichlorodifluoromethane (T)

2.014min (-0.000) 28.89ug/L

response 95220

Ion	Exp%	Act%
85.00	100	100
87.00	27.40	31.93
0.00	0.00	0.00
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	348674	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	328508	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	181715	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	84610	21.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.08%		
7) Chloroethane-d5	2.89	69	84287	24.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	99.60%		
10) 1,1-Dichloroethene-d2	4.01	63	181147	23.99	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	95.96%		
20) 2-Butanone-d5	7.09	46	64963	49.84	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	99.68%		
24) Chloroform-d	7.65	84	200560	26.55	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	106.20%		
26) 1,2-Dichloroethane-d4	8.31	65	109889	26.30	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	105.20%		
29) Benzene-d6	8.27	84	387520	25.98	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	103.92%		
33) 1,2-Dichloropropane-d6	9.27	67	113178	25.14	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	100.56%		
37) Toluene-d8	10.32	98	384174	25.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	103.04%		
38) trans-1,3-Dichloropropene-	10.58	79	52094	23.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	95.24%		
39) 2-Hexanone-d5	10.93	63	55495	51.02	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	102.04%		
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122916	28.08	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	112.32%		
61) 1,2-Dichlorobenzene-d4	13.86	152	165629	26.59	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	106.36%		

Target Compounds

				Qvalue
2) Dichlorodifluoromethane	2.01	85	106983m	32.463 ug/L
3) Chloromethane	2.21	50	90566	27.984 ug/L
5) Vinyl chloride	2.37	62	129271	24.783 ug/L
6) Bromomethane	2.79	94	94896	23.364 ug/L
8) Chloroethane	2.93	64	83064	25.980 ug/L
9) Trichlorofluoromethane	3.26	101	115720	27.731 ug/L
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	111378	26.696 ug/L
12) 1,1-Dichloroethene	4.03	96	102132	25.513 ug/L
13) Acetone	4.15	43	70318	53.402 ug/L
14) Carbon disulfide	4.37	76	309984	23.687 ug/L
15) Methyl Acetate	4.68	43	51727	24.253 ug/L
16) Methylene chloride	4.91	84	108154	24.025 ug/L
17) Methyl tert-butyl Ether	5.43	73	158029	24.251 ug/L
18) trans-1,2-Dichloroethene	5.42	96	109941	24.806 ug/L
19) 1,1-Dichloroethane	6.21	63	178083	24.830 ug/L
21) 2-Butanone	7.18	43	82454	47.125 ug/L
22) cis-1,2-Dichloroethene	7.17	96	120240	24.871 ug/L

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	56957	25.048	ug/L	95
25) Chloroform	7.68	83	196477	25.449	ug/L	100
27) 1,2-Dichloroethane	8.40	62	133726	25.412	ug/L	98
30) Cyclohexane	7.95	56	170989	23.682	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	174248	25.348	ug/L	99
32) Carbon tetrachloride	8.07	117	167983	24.917	ug/L	100
34) Benzene	8.32	78	423135	25.091	ug/L	100
35) Trichloroethene	9.09	95	120669	25.431	ug/L	99
36) Methylcyclohexane	9.34	83	214545	24.678	ug/L	99
40) 1,2-Dichloropropane	9.37	63	101493	24.260	ug/L	99
41) Bromodichloromethane	9.65	83	136830	24.221	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	163808	23.973	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	150356	44.853	ug/L	98
44) Toluene	10.39	91	475161	25.093	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	142771	23.921	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	86923	24.951	ug/L	97
47) Tetrachloroethene	10.87	164	113786	25.906	ug/L	94
49) 2-Hexanone	10.97	43	120112	48.618	ug/L	97
50) Dibromochloromethane	11.13	129	105093	23.536	ug/L	99
51) 1,2-Dibromoethane	11.24	107	90798	25.039	ug/L	99
52) Chlorobenzene	11.66	112	320448	25.007	ug/L	99
53) Ethylbenzene	11.74	91	553008	25.085	ug/L	100
54) m,p-Xylene	11.84	106	213802	24.742	ug/L	99
55) o-xylene	12.17	106	205649	24.925	ug/L	100
56) Styrene	12.18	104	350898	24.697	ug/L	100
57) Isopropylbenzene	12.47	105	577025	25.135	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	117877	26.038	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	87158	25.804	ug/L	99
62) Bromoform	12.35	173	71129	23.361	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	278730	24.978	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	281344	25.036	ug/L	100
65) 1,2-Dichlorobenzene	13.88	146	259802	25.308	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	19479	23.573	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	229881	25.556	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	194822	25.400	ug/L	100
69) Naphthalene	15.38	128	390210	25.127	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	176272	25.581	ug/L	98

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