sample 1 - results (part 1)

participant number	1-butanol result (µg /m³)	1-butanol |z| - score	butyl acetate result (µg /m³)	butyl acetate |z| - score	ethylbenzene result (µg /m³)	ethylbenzene |z| - score
5*	15,06	1,3	18,70	0,1	9,95	0,5
30	22,00	6,5	17,10	0,7	11,60	2,3
34*	2,71	8,0	13,10	2,9	7,68	1,9
95*	11,98	1,0	17,33	0,6	9,21	0,3
166*	14,00	0,5	20,00	0,8	7,50	2,1
186	19,52	4,7	17,53	0,5	10,15	0,7
192	10,00	2,5	19,50	0,6	9,00	0,5
230*	14,40	0,8	23,50	2,7	9,50	0,0
241*	12,00	1,0	17,00	0,8	9,60	0,1
271*	15,70	1,8	21,00	1,4	10,50	1,1

* on site sampling

	Toluene-equivalent (µg / m³)		**Toluene-equivalent (µg / m³)**		**Toluene-equivalent (µg / m³)**	
30	13,60		9,30		11,55	
186	7,50		9,58		10,21	
230	12,00		29,50		10,50	

marked fields are outliers

	1-butanol	**butyl acetate**	**ethyl-benzene**
mean c_k [µg / m³]	13,30	18,48	9,47
standard deviation S_k [µg / m³]	2,037	2,792	1,232
rel. standard deviation [%]	15,31	15,11	13,01
Sollwert [µg / m³]	14,70	18,30	10,00
Mittelwert Kontrollproben [µg / m³]	15,56	17,89	10,61

sample 1 - results (part 2)

participant number	n-heptane result (µg /m³)	n-heptane |z| - score	p-xylene result (µg /m³)	p-xylene |z| - score	toluene result (µg /m³)	toluene |z| - score
5*	22,33	0,3	18,35	0,7	8,59	0,6
30	25,10	1,6	21,05	2,2	14,10	7,4
34*	17,70	1,8	16,34	0,5	6,17	2,4
95*	21,17	0,2	17,09	0,1	8,06	0,0
166*	15,00	3,1	12,00	3,0	8,00	0,1
186	24,58	1,3	17,70	0,3	8,68	0,7
192	20,00	0,8	15,50	1,0	7,00	1,3
230*	26,25	2,1	15,50	1,0	8,75	0,8
241*	19,00	1,2	18,00	0,5	7,10	1,2
271*	25,80	1,9	20,35	1,8	10,45	2,9

* on site sampling

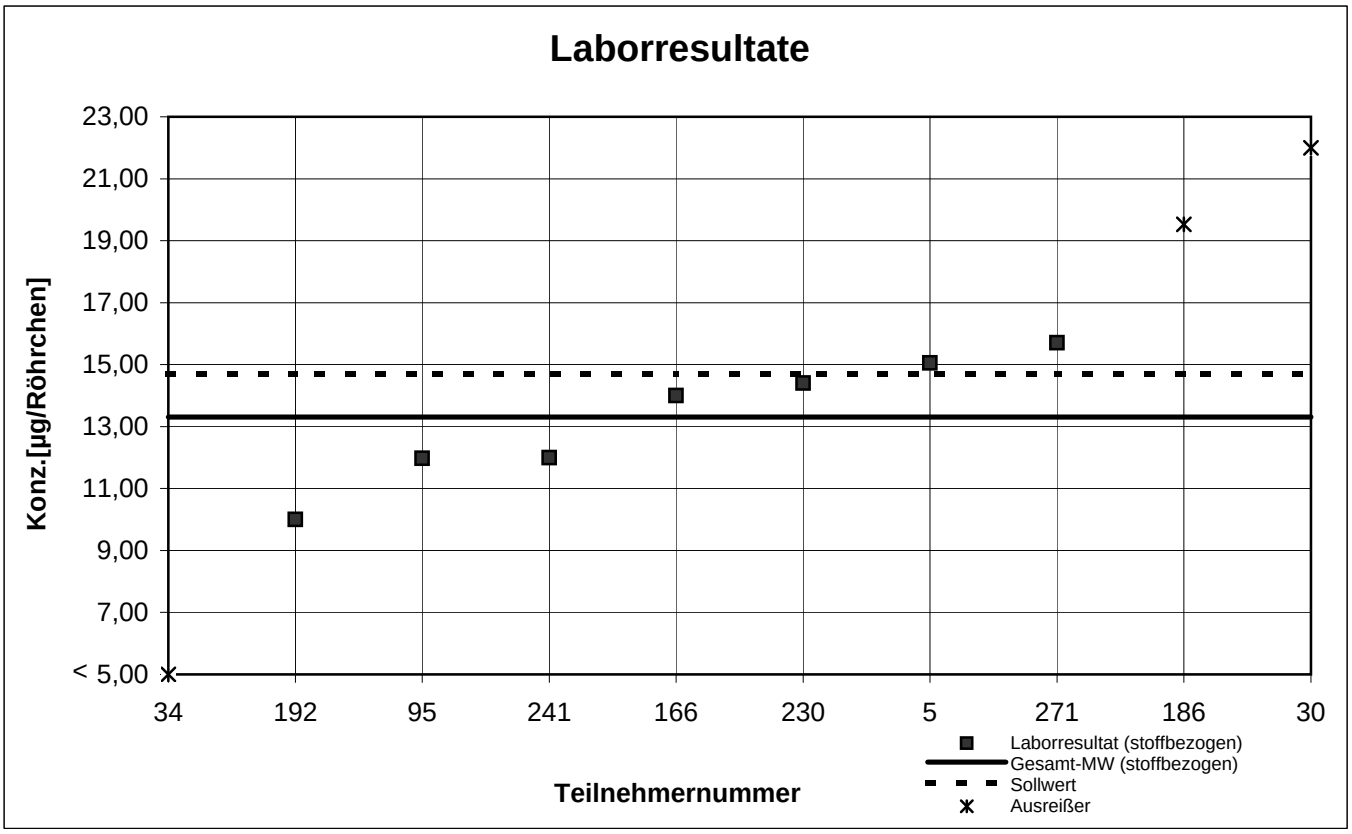
	Toluene-equivalent (µg / m³)		**Toluene-equivalent (µg / m³)**			
30	21,70		20,15			
186	20,98		18,10			
230	31,00		16,50			

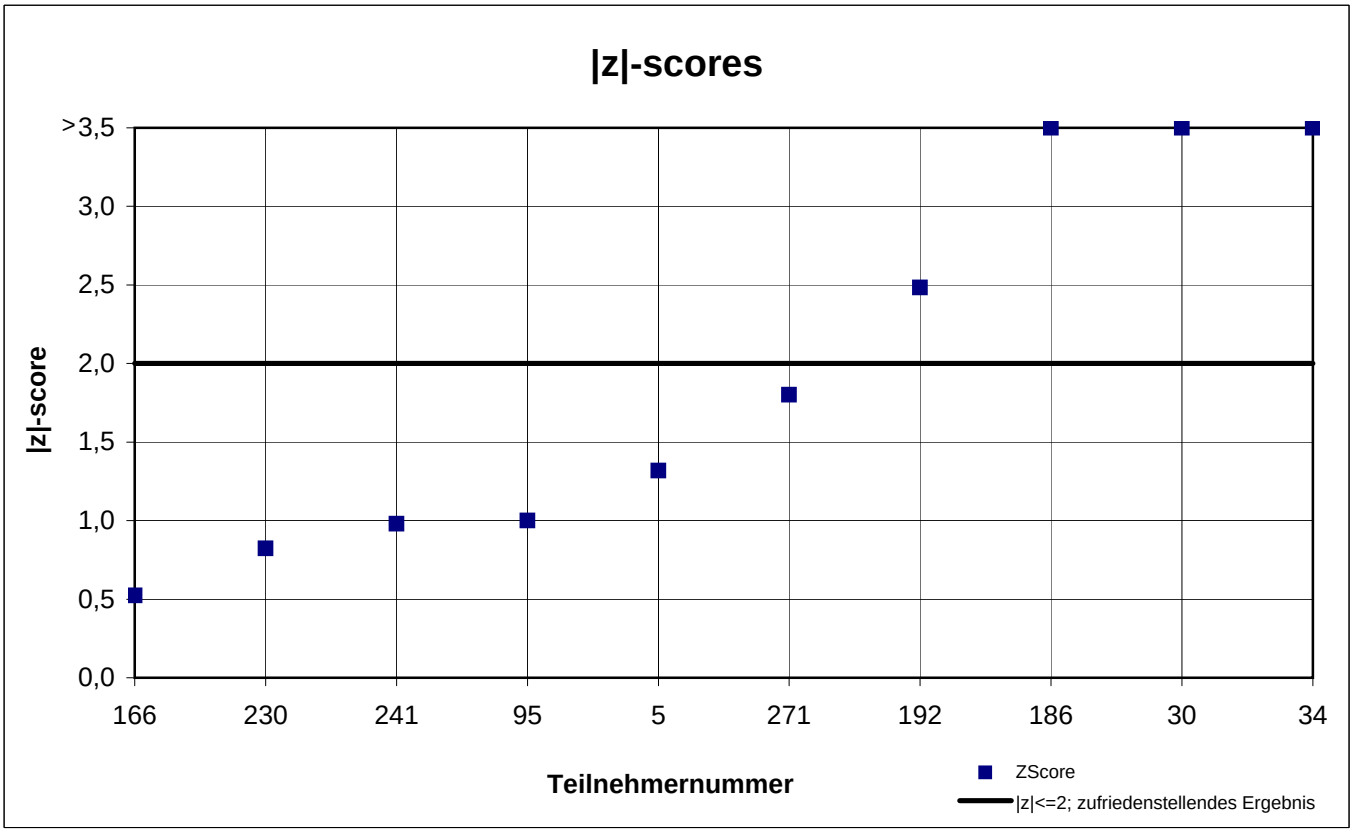
marked fields are outliers

	n-heptane	**p-xylene**	**toluene**
mean c_k [µg / m³]	21,69	17,19	8,089
standard deviation S_k [µg / m³]	3,788	2,594	1,249
rel. standard deviation [%]	17,46	15,09	15,44
Sollwert [µg / m³]	21,80	17,60	8,10
Mittelwert Kontrollproben [µg / m³]	22,45	17,72	8,37

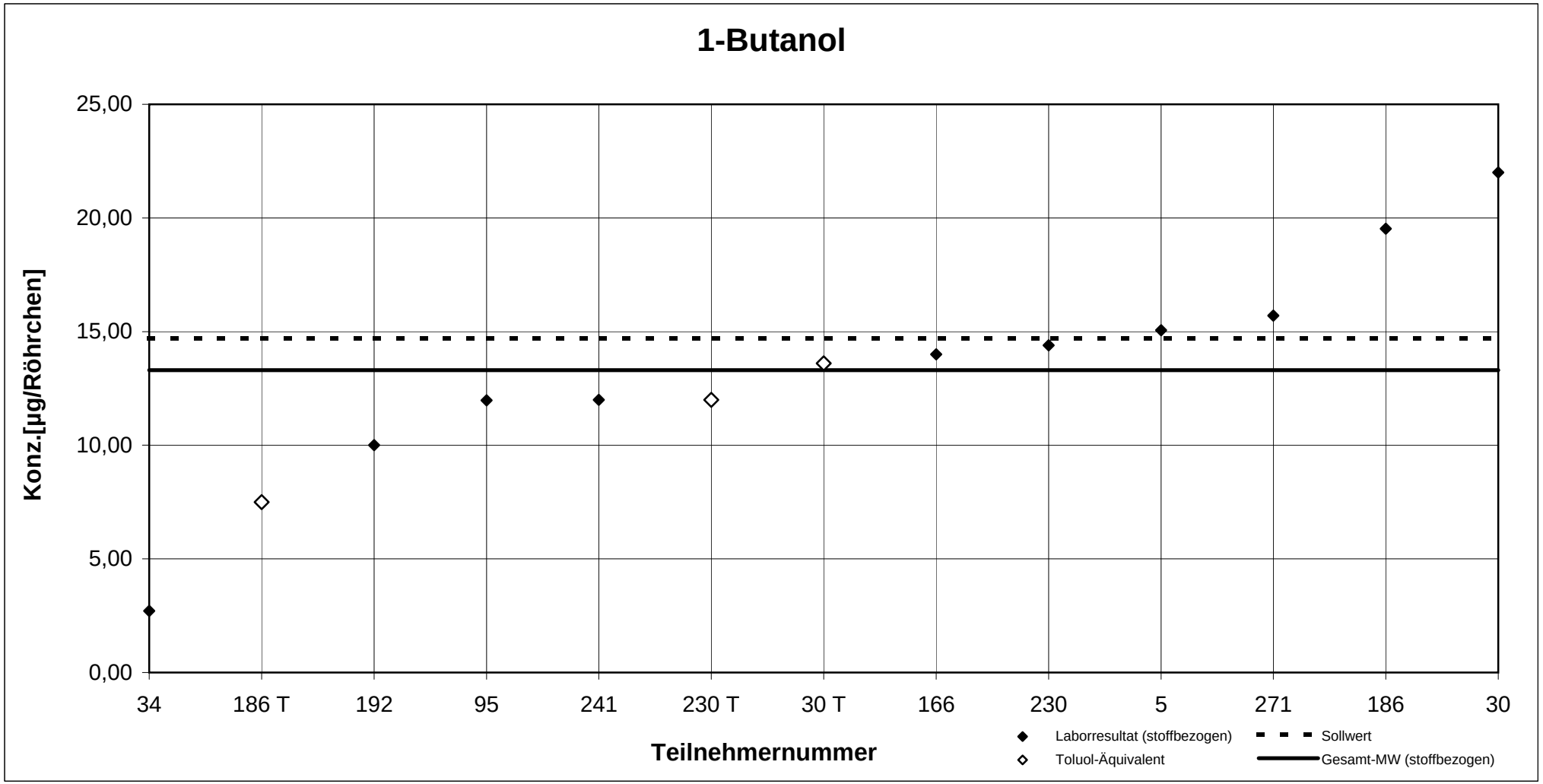
Probe 1

1-Butanol





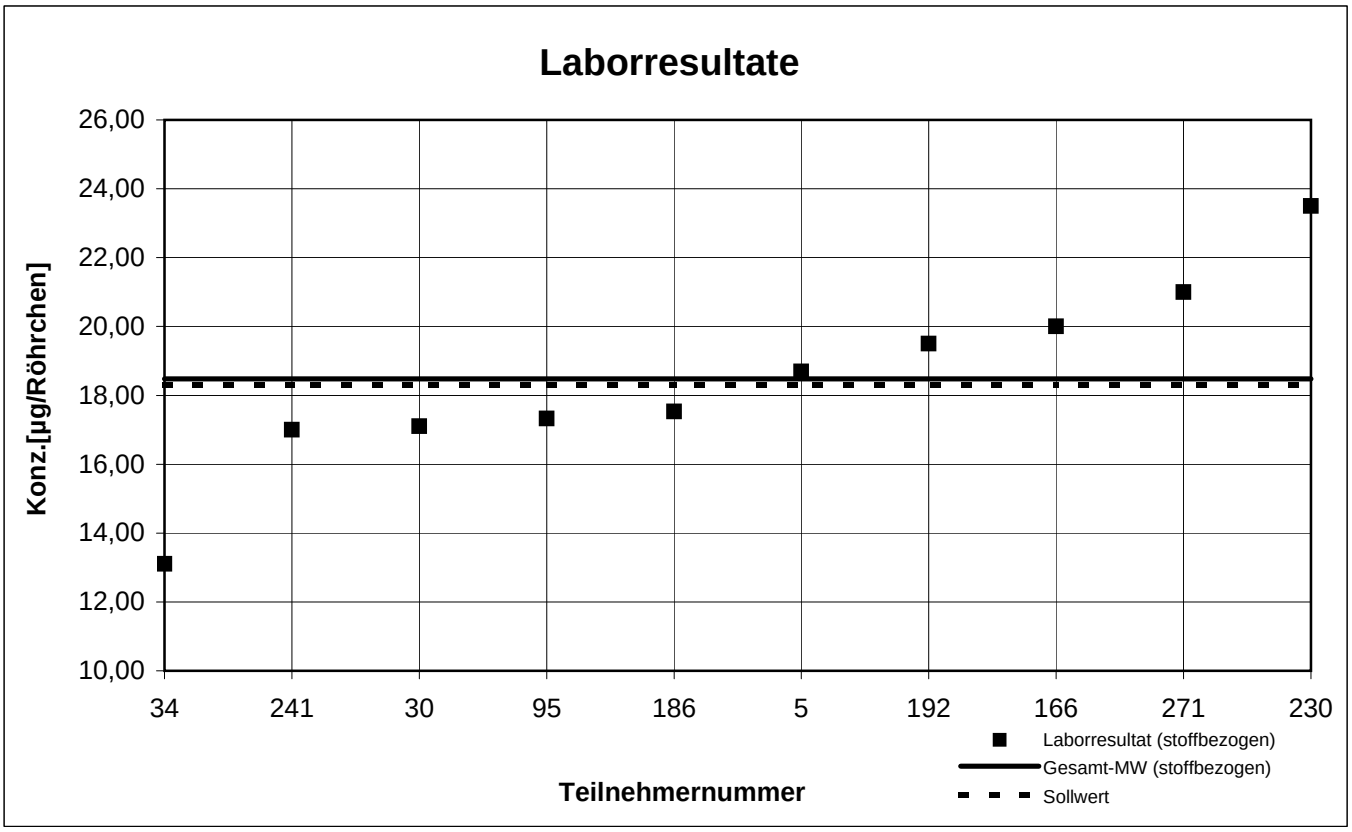
Probe 1 - Ergebnisse inkl. Toluol-Äquivalent

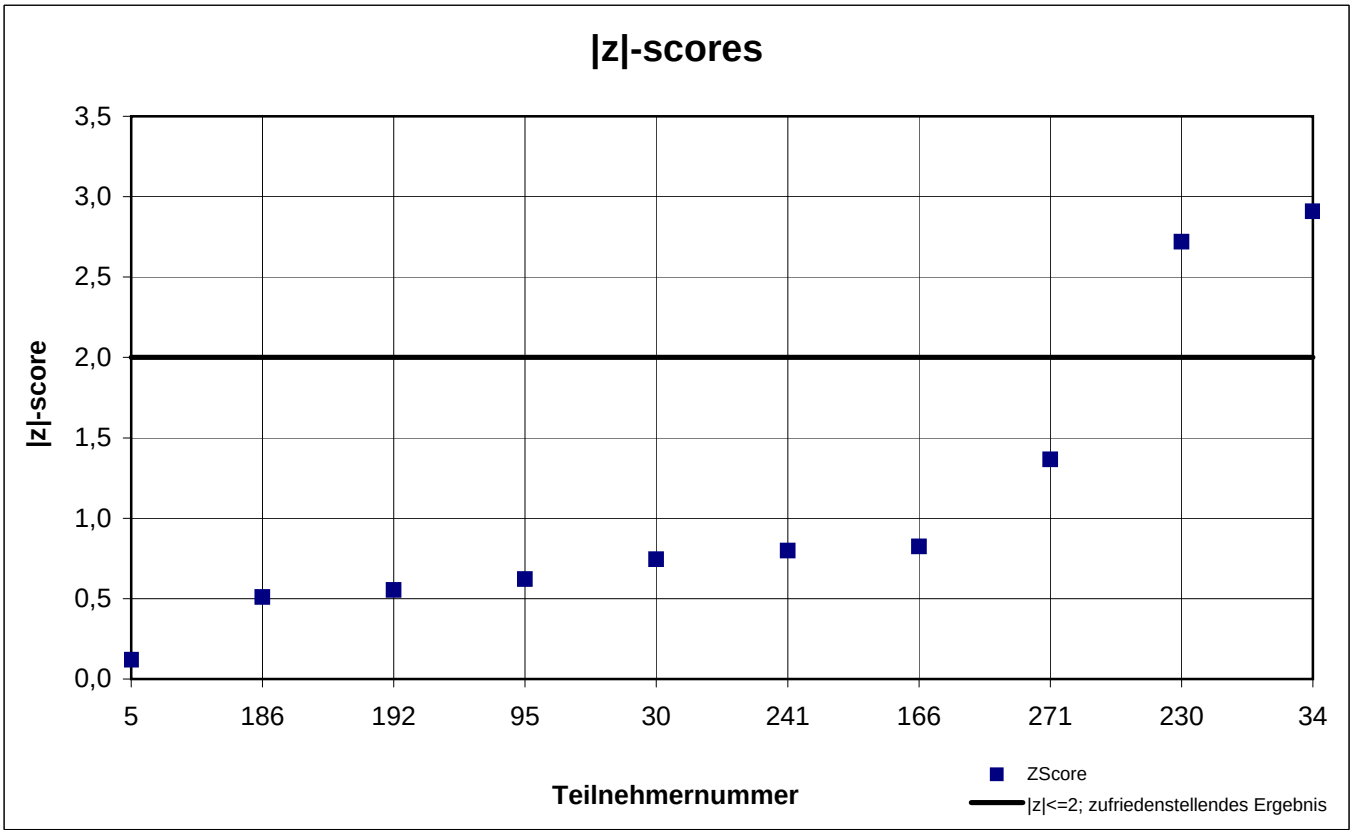


Teilnehmernummer + T = Ergebnis als Toluol-Äquivalent

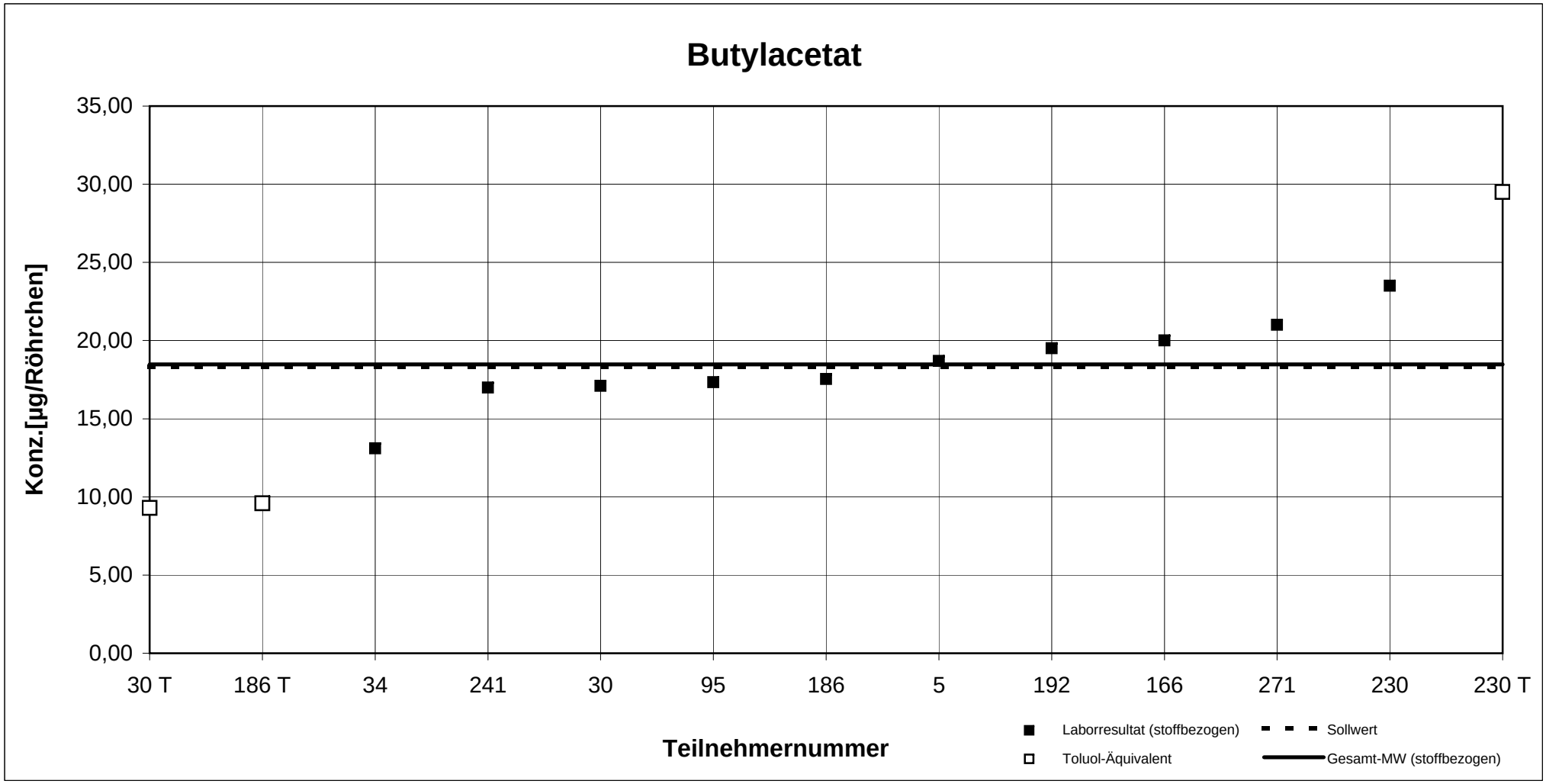
Probe 1

Butylacetat





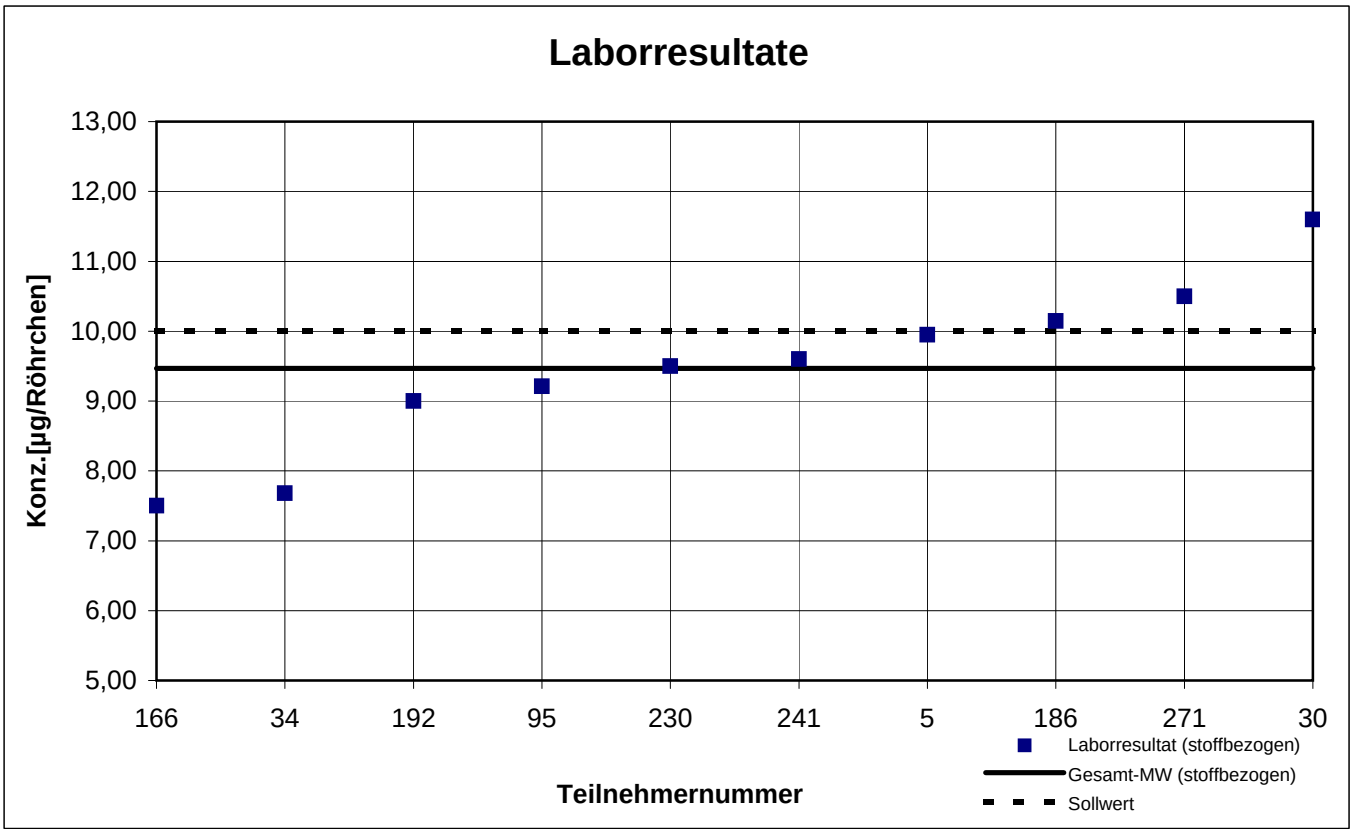
Probe 1 - Ergebnisse inkl. Toluol-Äquivalent

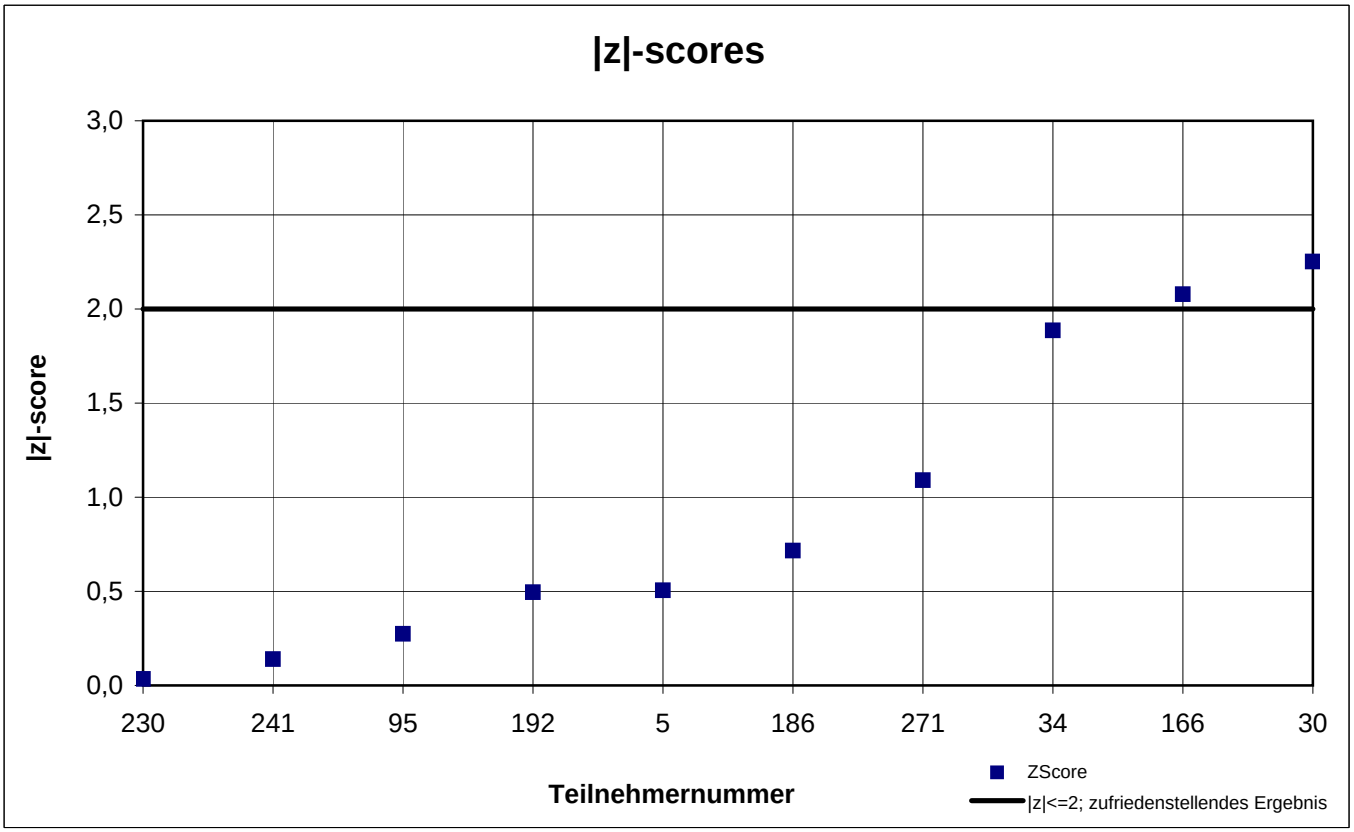


Teilnehmernummer + T = Ergebnis als Toluol-Äquivalent

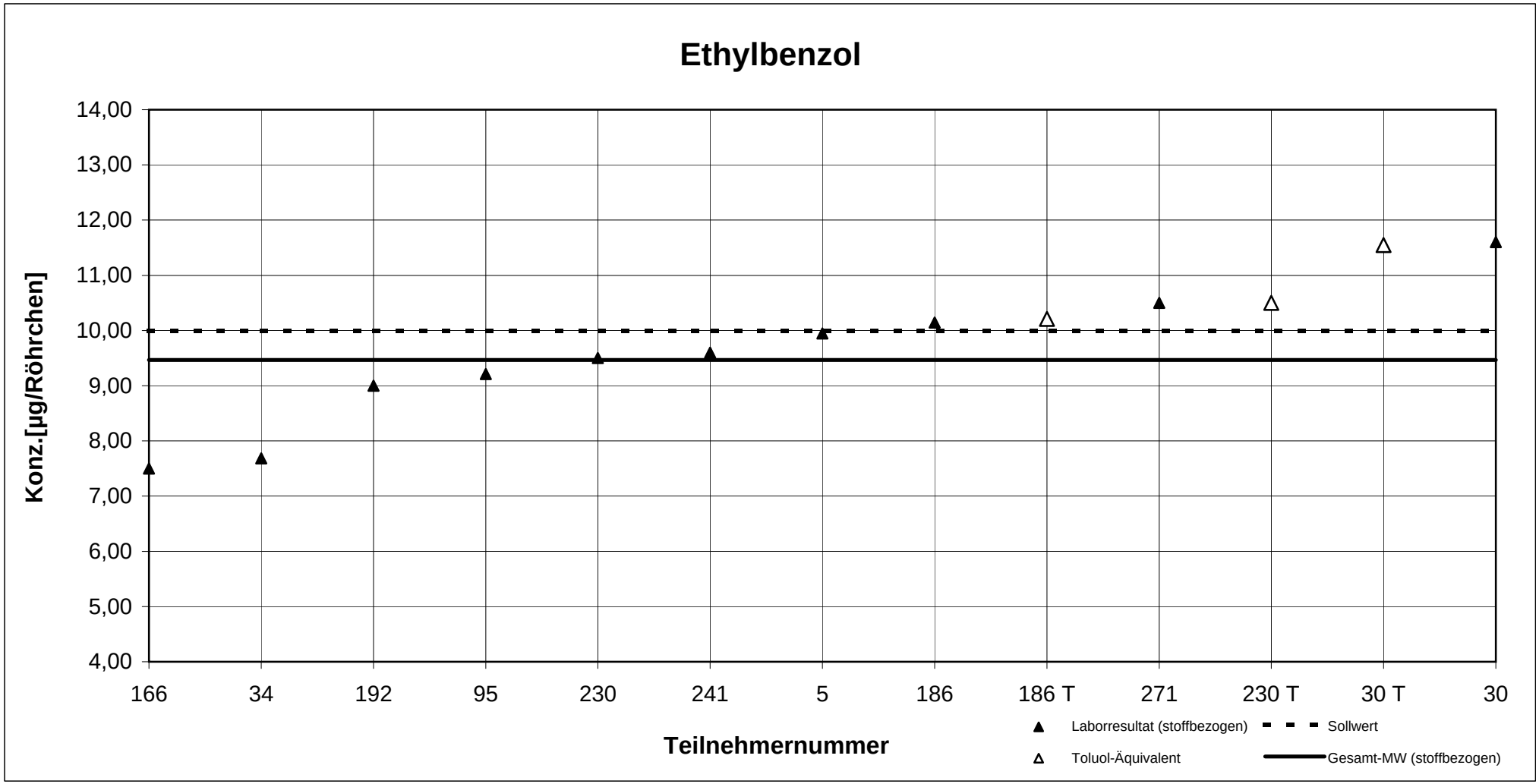
Probe 1

Ethylbenzol





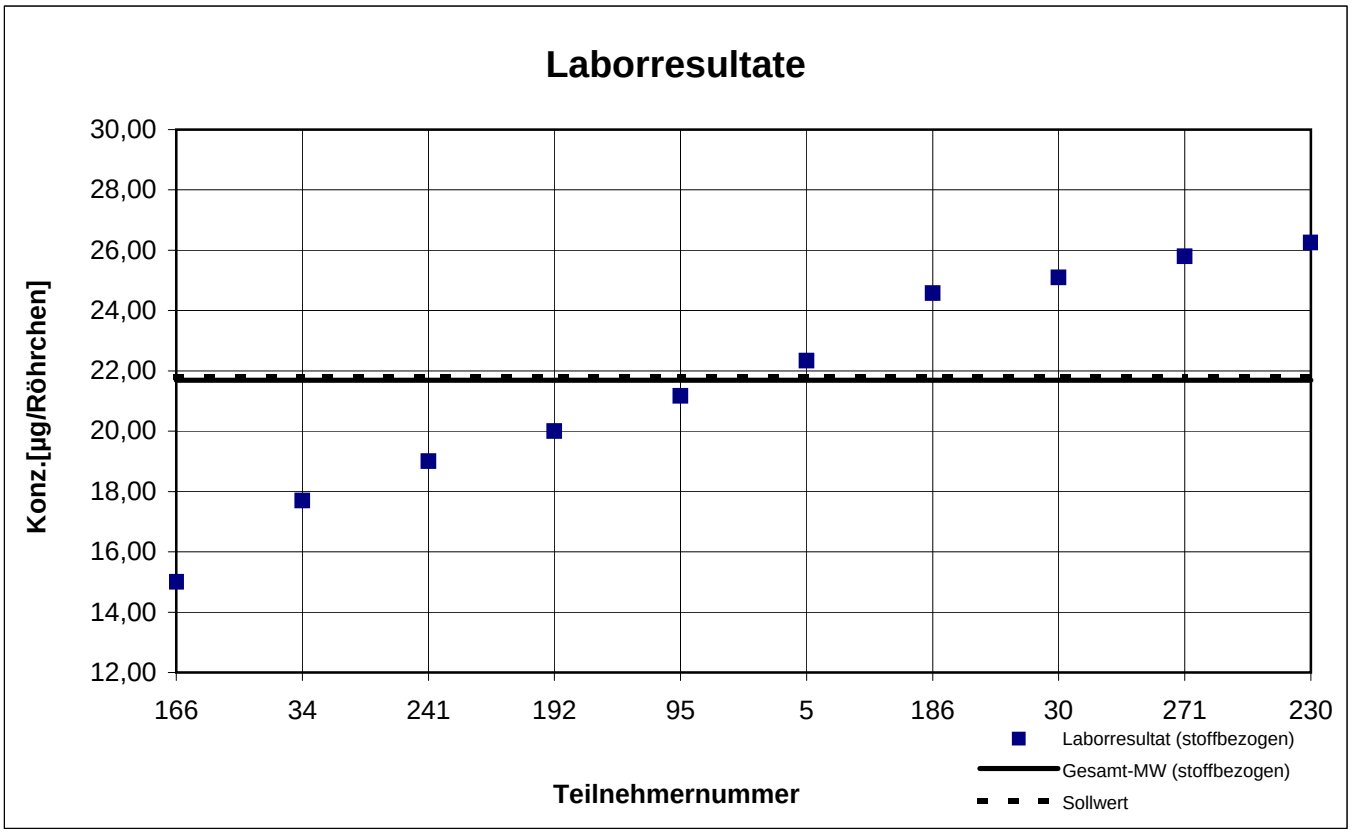
Probe 1 - Ergebnisse inkl. Toluol-Äquivalent

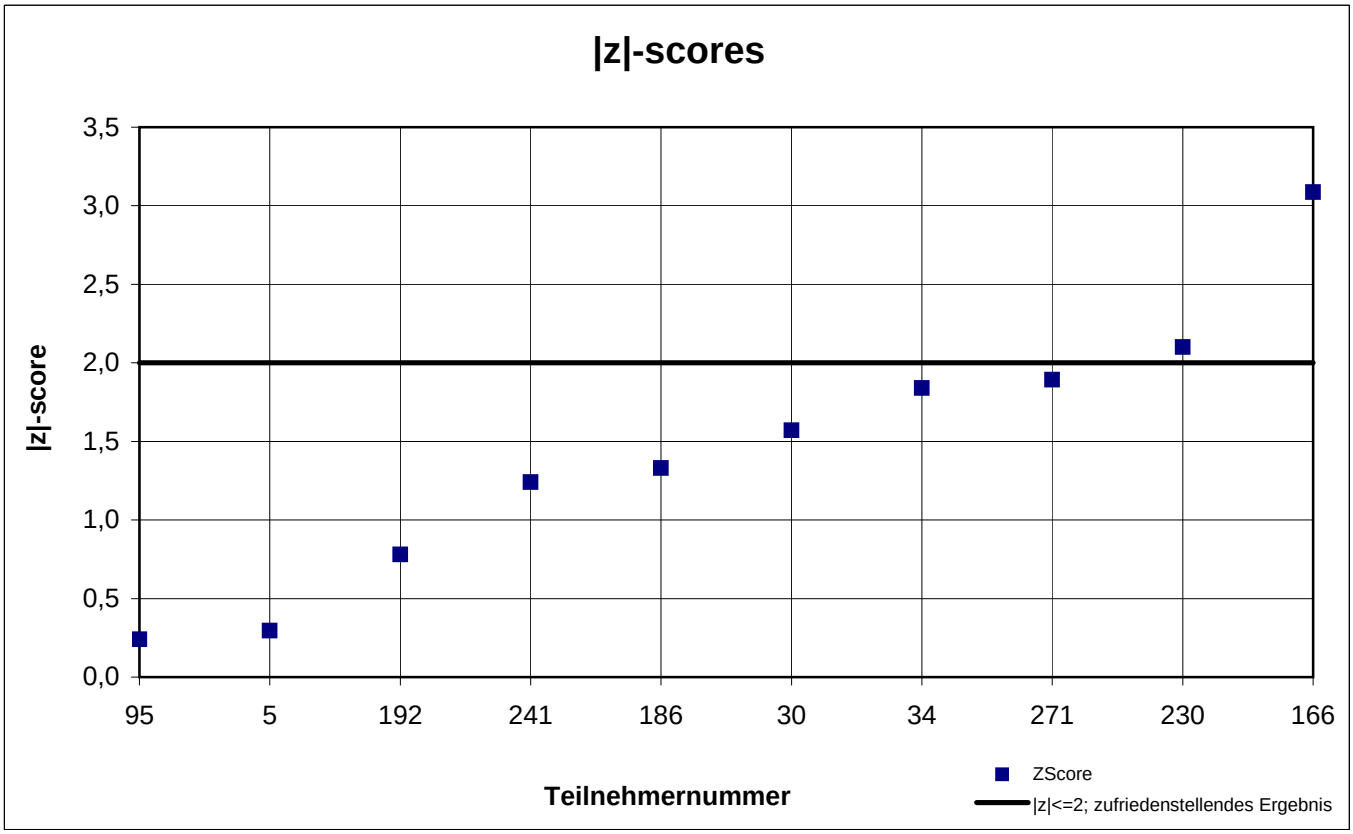


Teilnehmernummer + T = Ergebnis als Toluol-Äquivalent

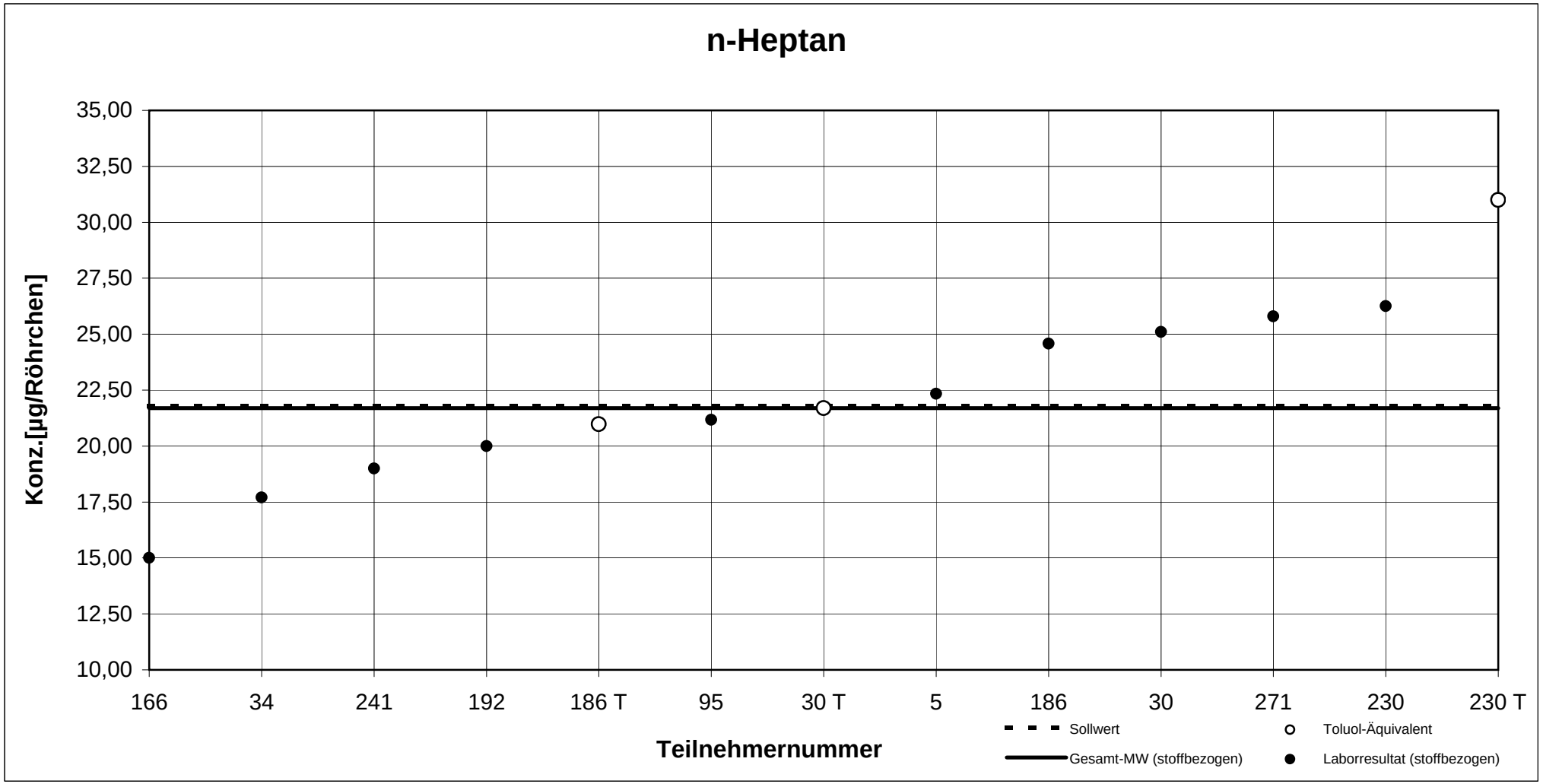
Probe 1

n-Heptan





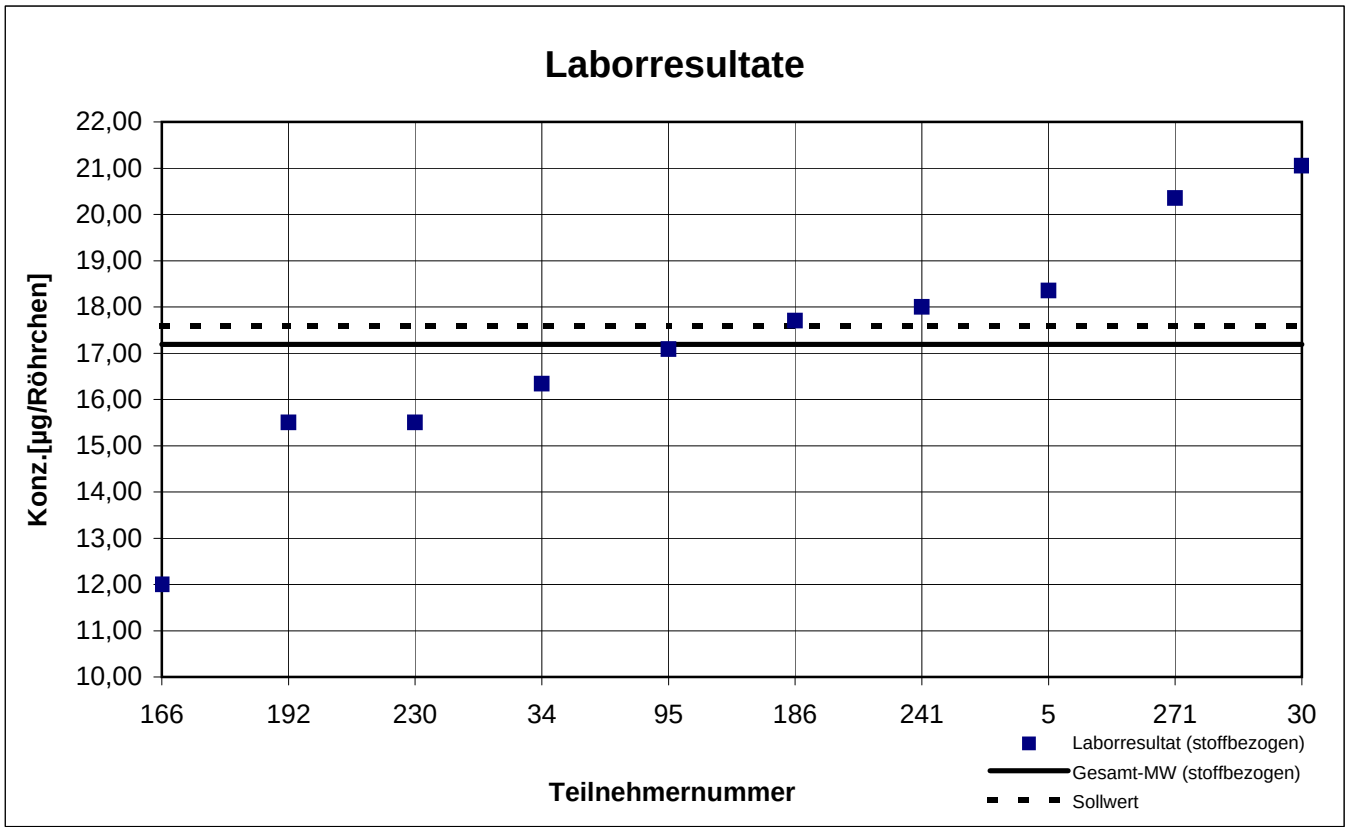
Probe 1 - Ergebnisse inkl. Toluol-Äquivalent

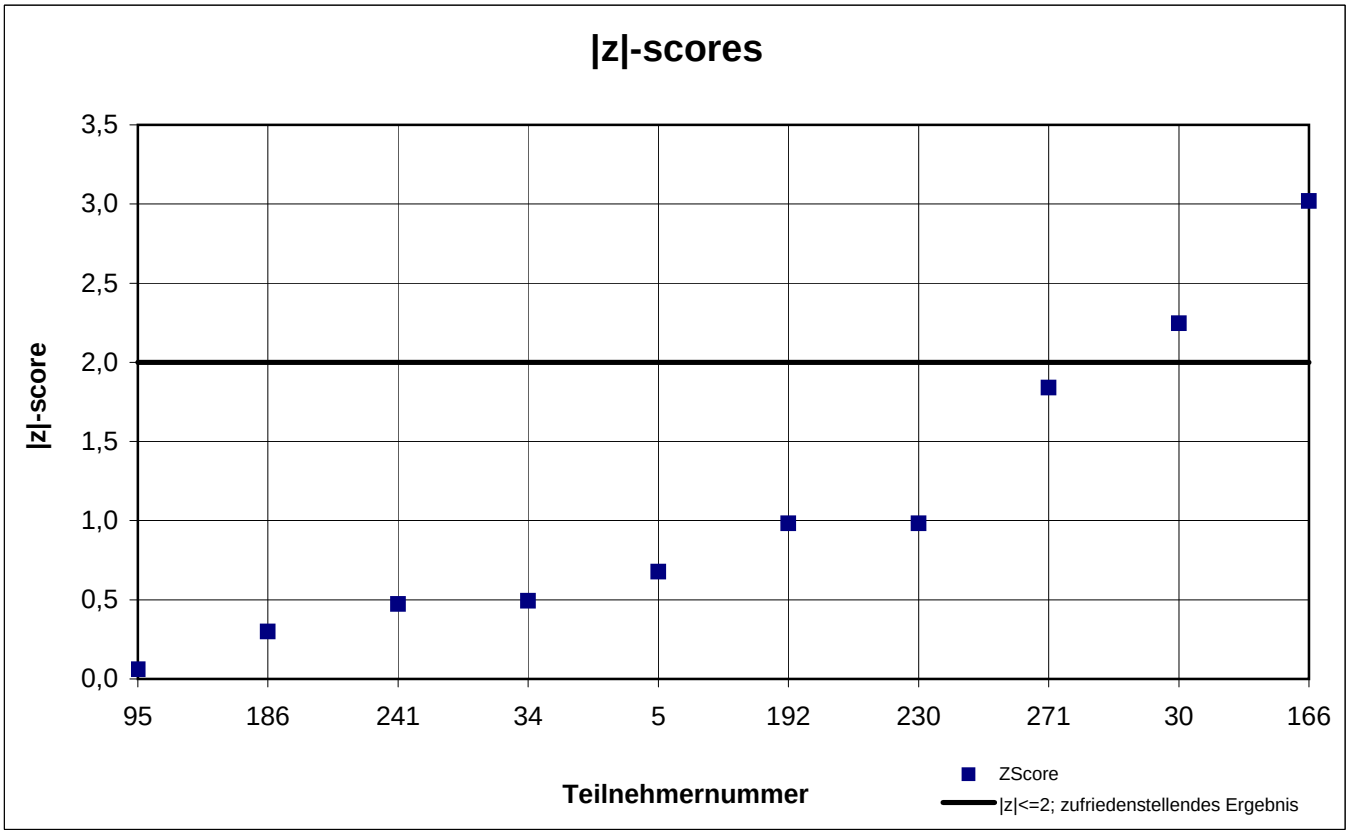


Teilnehmernummer + T = Ergebnis als Toluol-Äquivalent

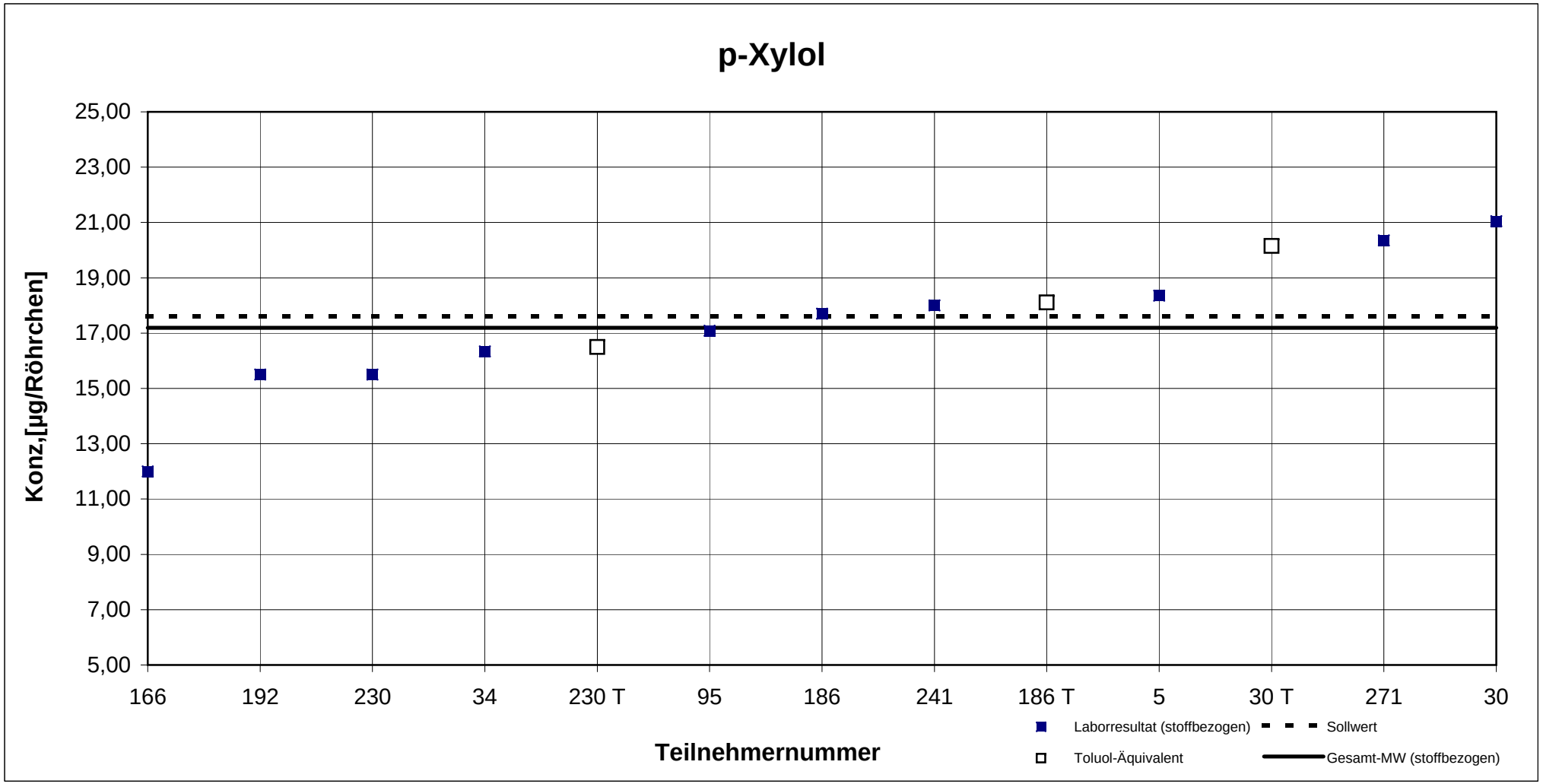
Probe 1

p-Xylol





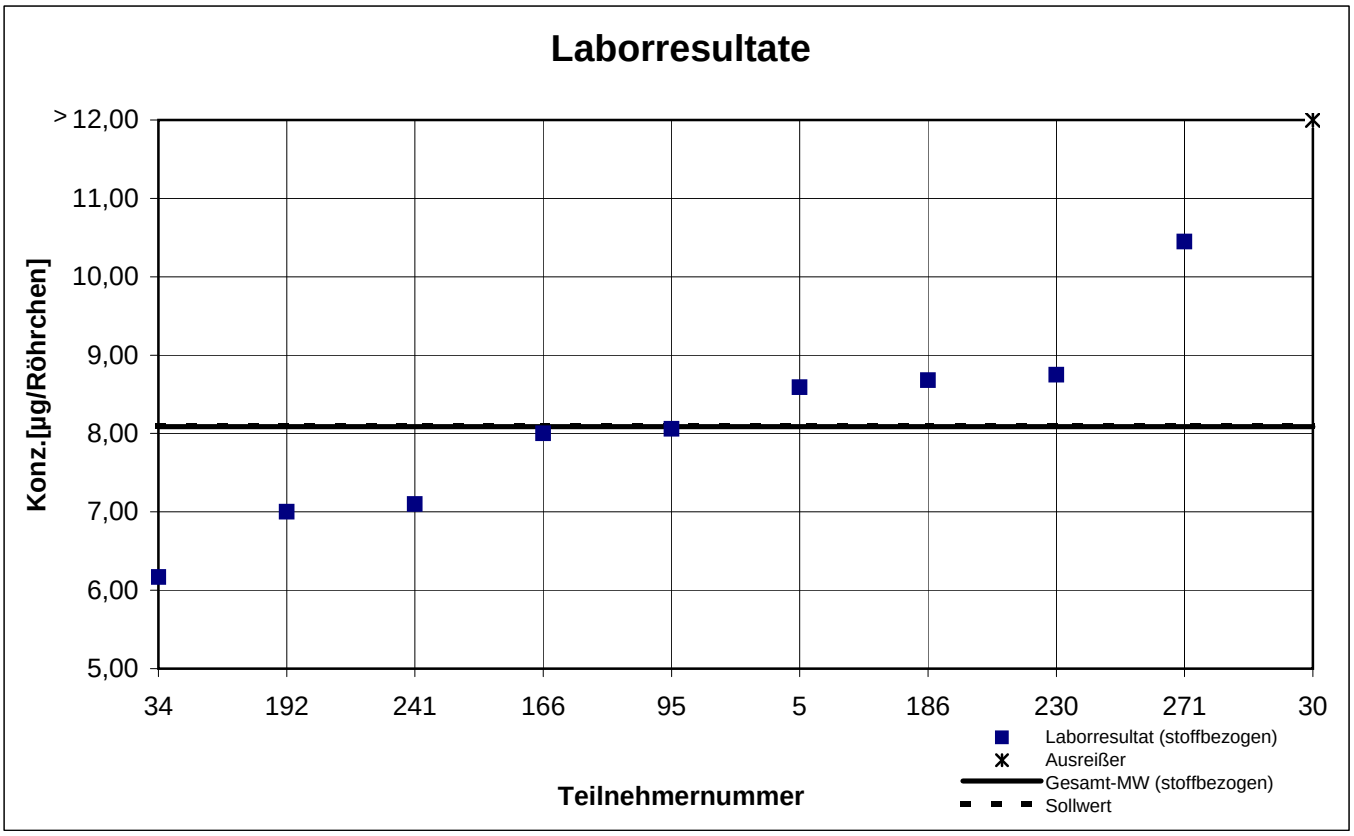
Probe 1 - Ergebnisse inkl. Toluol-Äquivalent

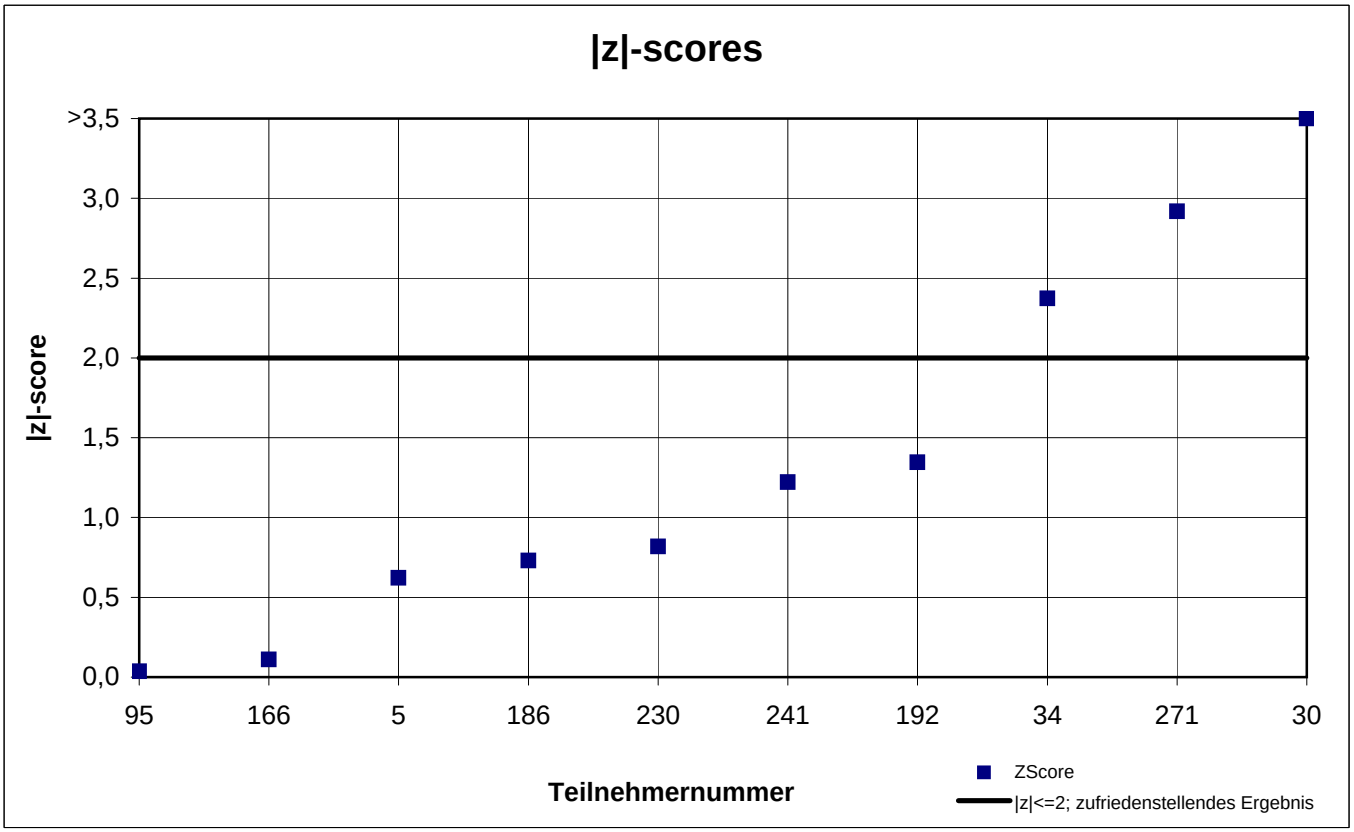


Teilnehmernummer + T = Ergebnis als Toluol-Äquivalent

Probe 1

Toluol





sample 2 - results (part 1)

participant number	1-butanol result (µg /m³)	1-butanol |z| - score	butyl acetate result (µg /m³)	butyl acetate |z| - score	ethylbenzene result (µg /m³)	ethylbenzene |z| - score
5*	33,36	1,2	42,87	0,7	23,13	1,0
30	k.A.	k.A.	41,15	0,3	24,15	1,5
34*	7,13	7,6	26,64	3,4	15,86	2,5
95*	23,43	2,1	38,56	0,4	21,25	0,1
166*	28,00	0,6	49,00	2,2	18,00	1,5
186	44,40	4,9	38,08	0,5	21,42	0,2
192	20,00	3,3	42,50	0,6	19,00	1,0
230*	33,75	1,3	44,00	1,0	20,75	0,2
241*	32,00	0,7	42,00	0,5	25,00	1,9
271*	38,05	2,8	36,30	0,9	22,20	0,5

* on site sampling

	Toluene-equivalent (µg / m³)		**Toluene-equivalent (µg / m³)**		**Toluene-equivalent (µg / m³)**	
30	k.A.		22,40		24,00	
186	17,05		20,82		21,55	
230	33,00		58,00		21,50	

marked fields are outliers

	1-butanol	**butyl acetate**	**ethyl-benzene**
mean c_k [µg / m³]	29,80	40,11	21,08
standard deviation s_k [µg / m³]	6,338	5,914	2,821
rel. standard deviation [%]	21,27	14,74	13,38
Sollwert [µg / m³]	32,80	41,00	22,50
Mittelwert Kontrollproben [µg / m³]	30,51	39,81	23,18

sample 2 - results (part 2)

participant number	n-heptane result (µg /m³)	n-heptane |z| - score	p-xylene result (µg /m³)	p-xylene |z| - score	toluene result (µg /m³)	toluene |z| - score
5*	48,88	0,9	41,49	0,9	18,92	0,7
30	55,55	2,4	45,95	2,0	k.A.	k.A.
34*	31,25	3,0	33,77	1,1	13,27	2,5
95*	41,95	0,6	37,41	0,2	16,20	0,9
166*	32,00	2,8	28,00	2,7	17,00	0,4
186	48,24	0,8	37,24	0,2	17,05	0,4
192	42,50	0,5	33,00	1,3	16,00	1,0
230*	52,50	1,8	39,50	0,4	22,50	2,7
241*	43,00	0,4	46,00	2,1	16,00	1,0
271*	50,65	1,3	39,10	0,2	22,90	2,9

* on site sampling

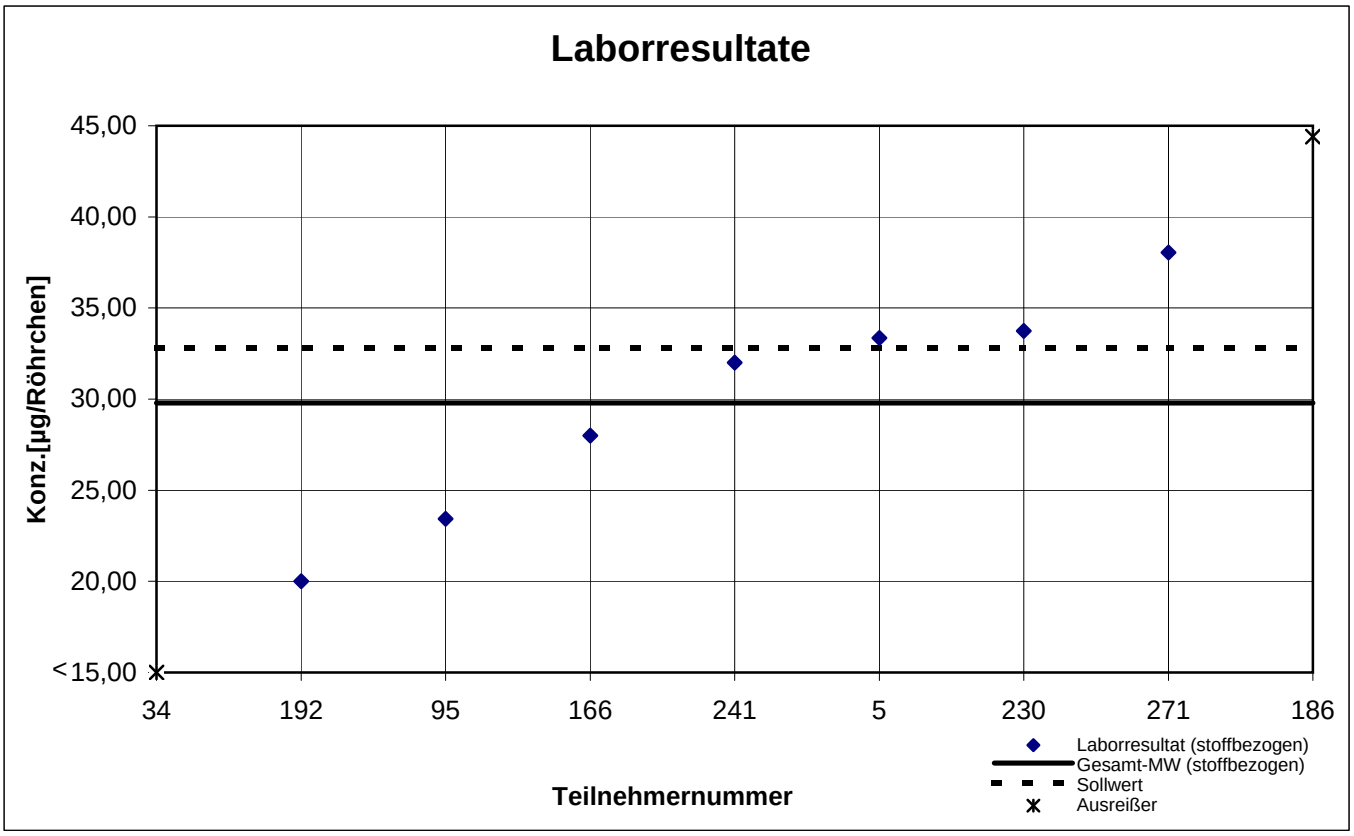
	Toluene-equivalent (µg / m³)		**Toluene-equivalent (µg / m³)**			
30	47,65		43,90			
186	41,17		38,08			
230	63,00		42,00			

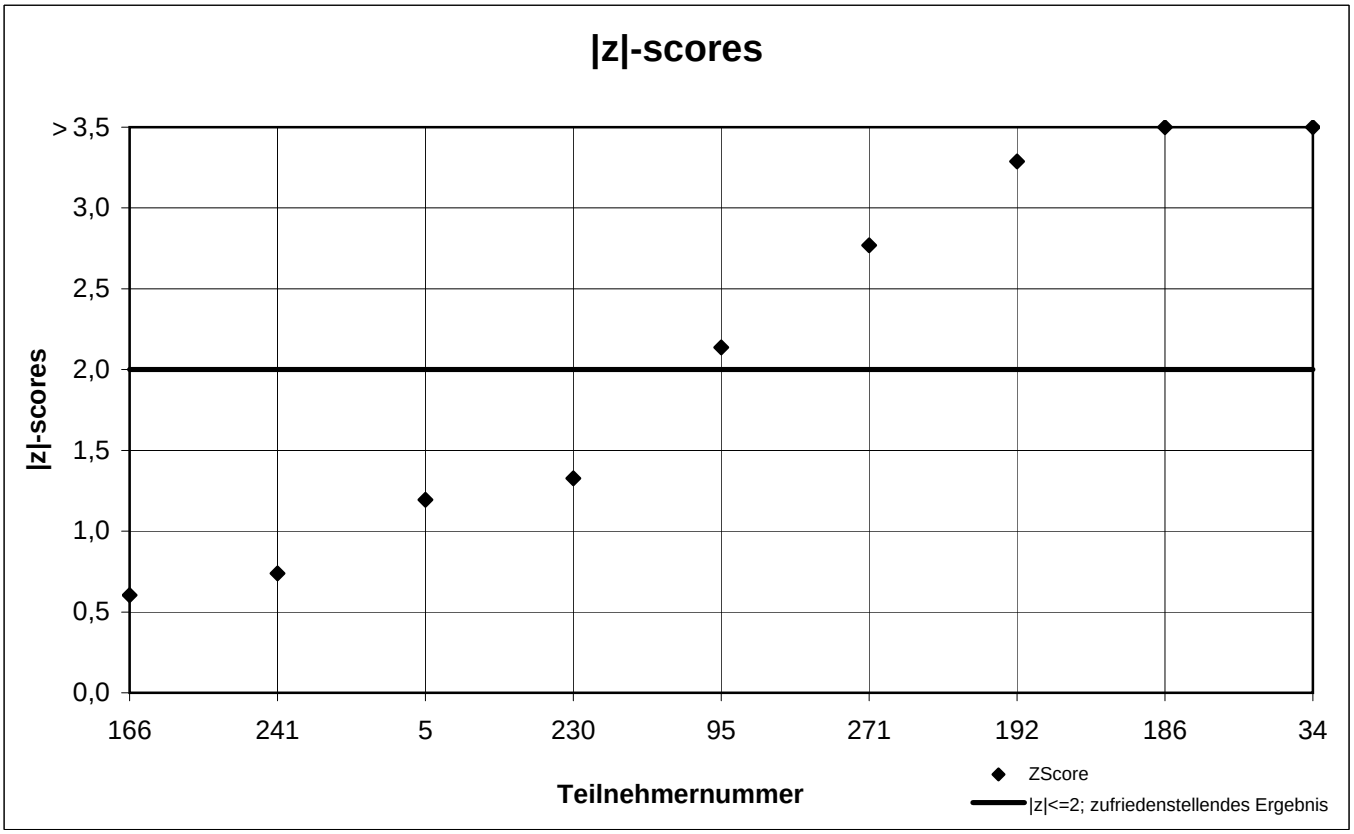
marked ▒▒▒▒▒▒▒▒ fields are outliers

	n-heptane	**p-xylene**	**toluene**
mean c_k [µg / m³]	44,65	38,15	17,76
standard deviation S_k [µg / m³]	8,174	5,641	3,164
rel. standard deviation [%]	18,31	14,79	17,82
Sollwert [µg / m³]	48,80	39,50	18,20
Mittelwert Kontrollproben [µg / m³]	46,58	38,93	17,52

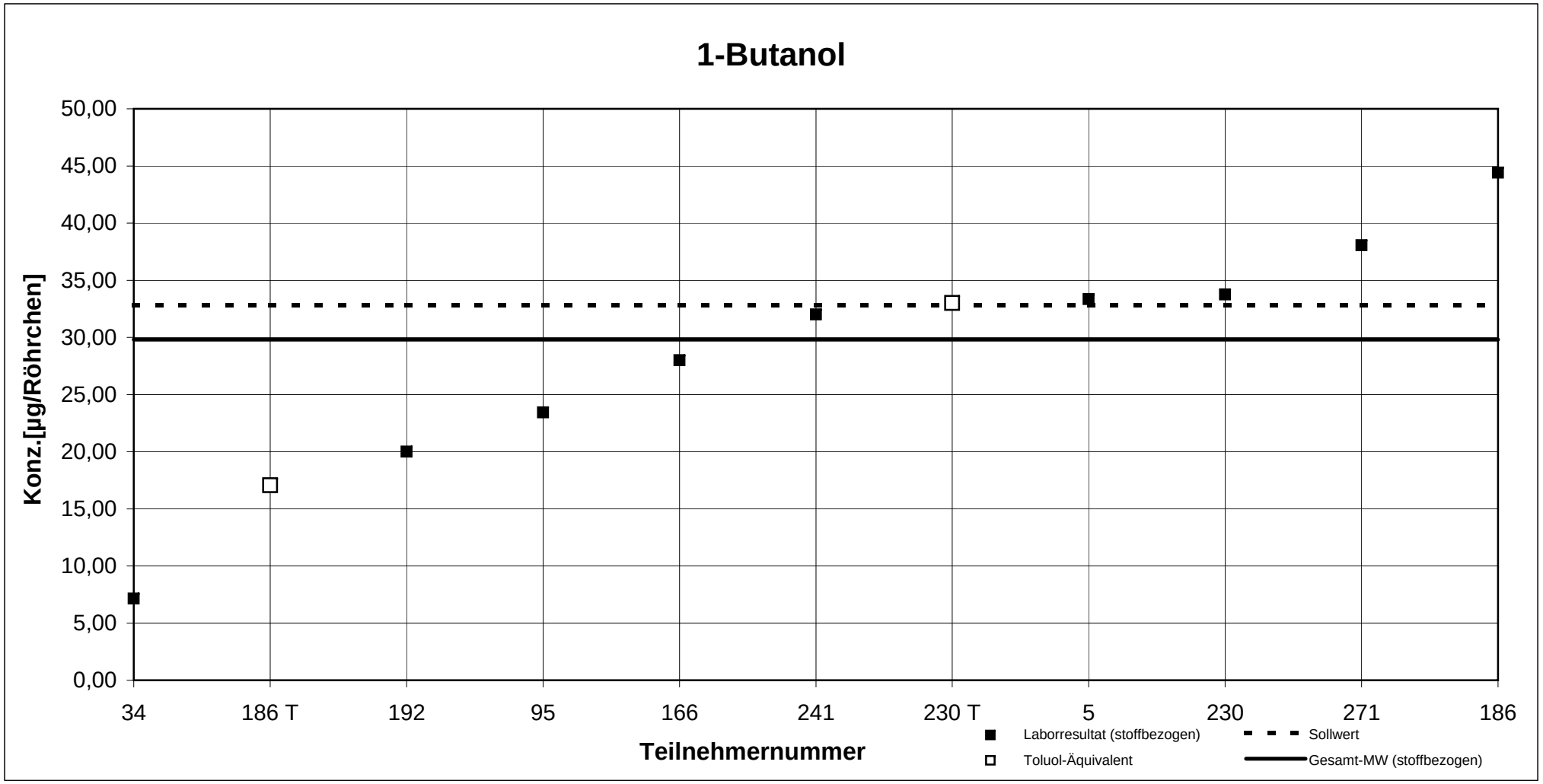
Probe 2

1-Butanol





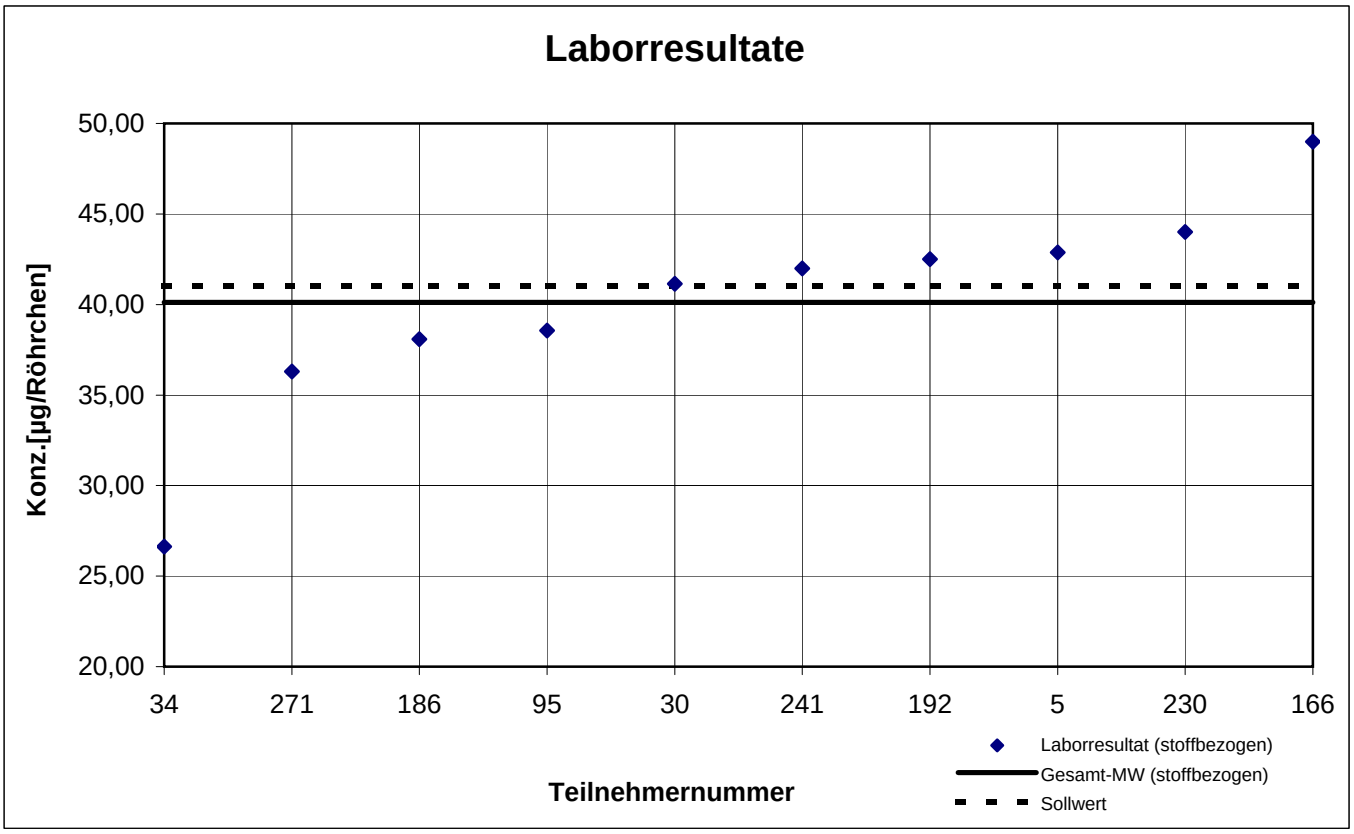
Probe 2 - Ergebnisse inkl. Toluol-Äquivalent

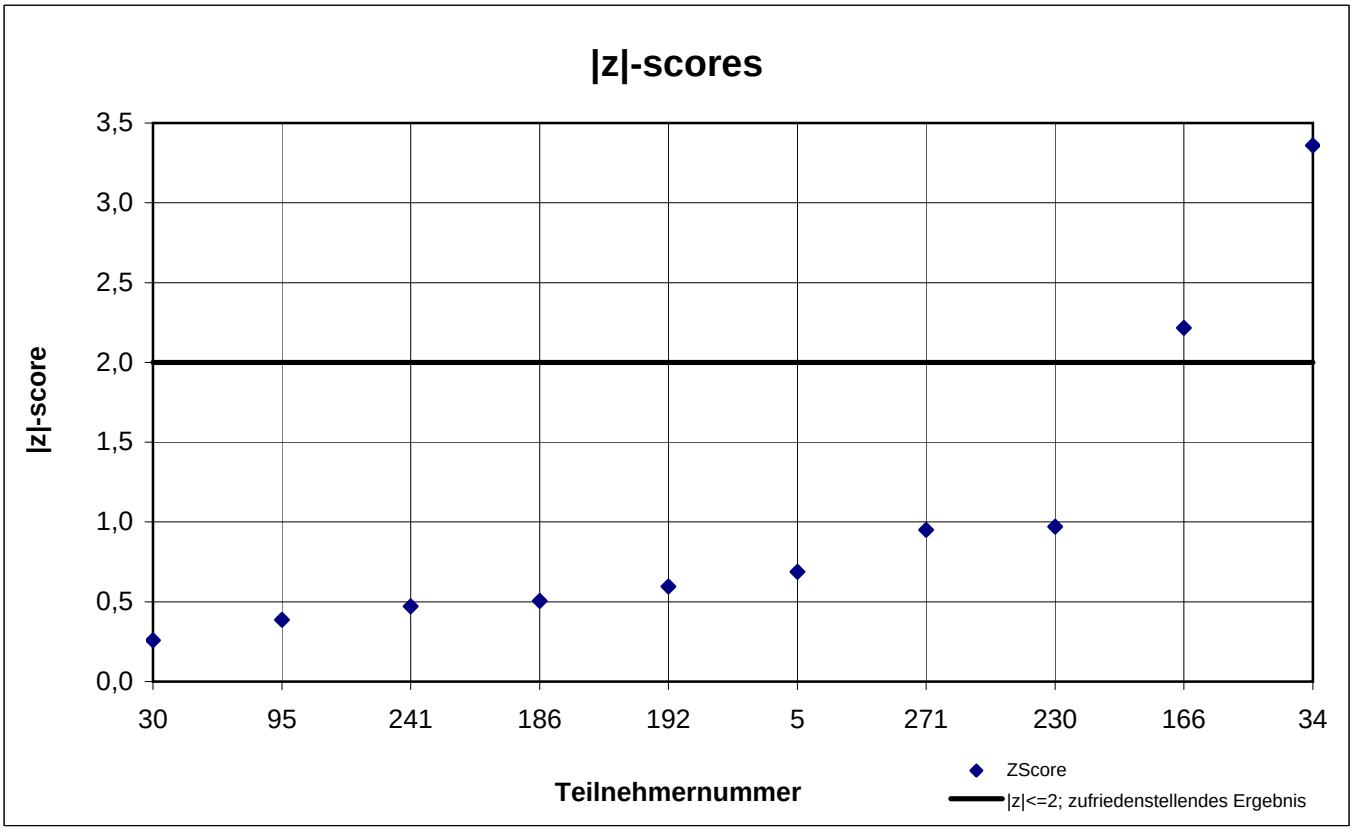


Teilnehmernummer + T = Ergebnis als Toluol-Äquivalent

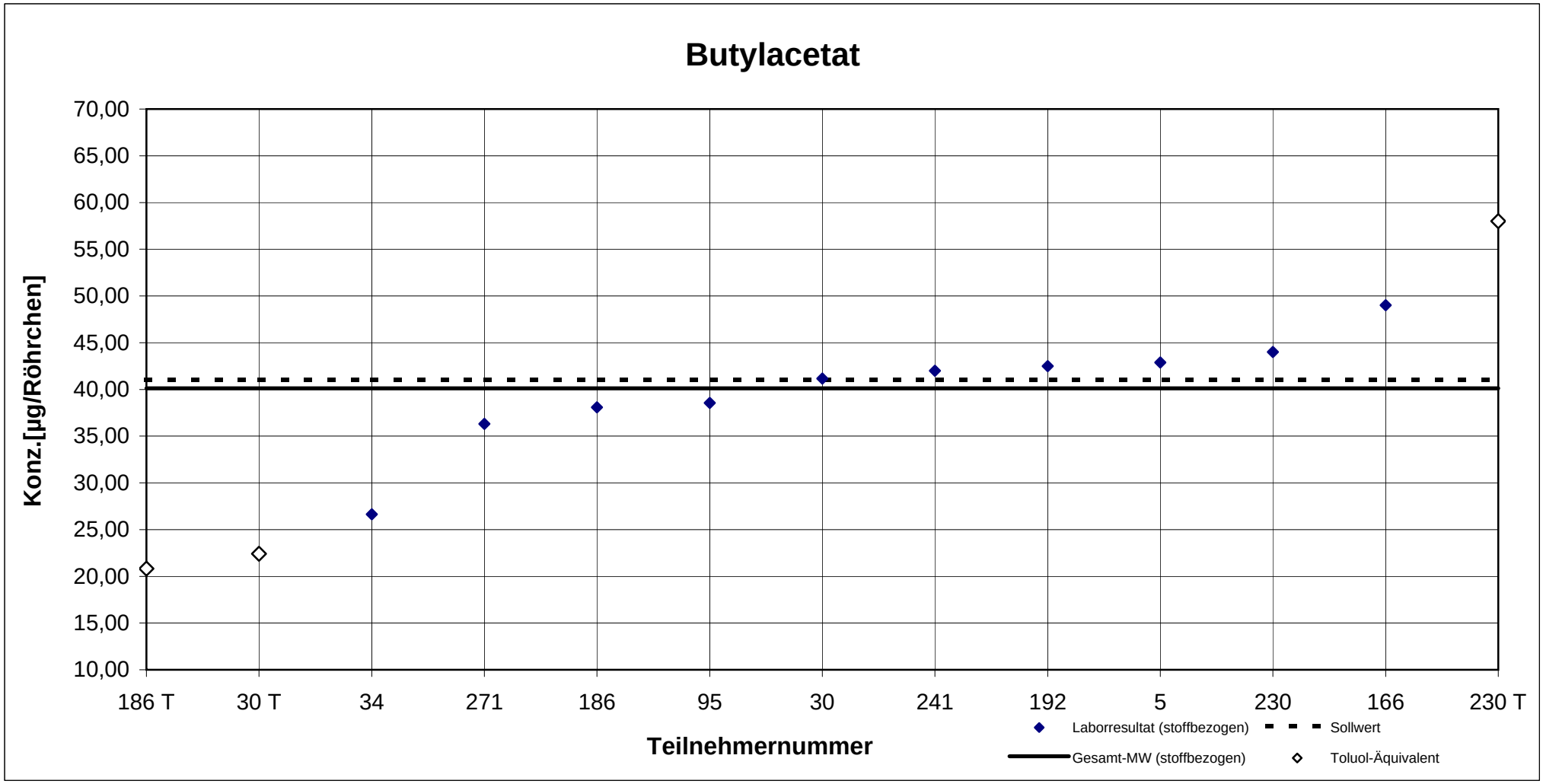
Probe 2

Butylacetat





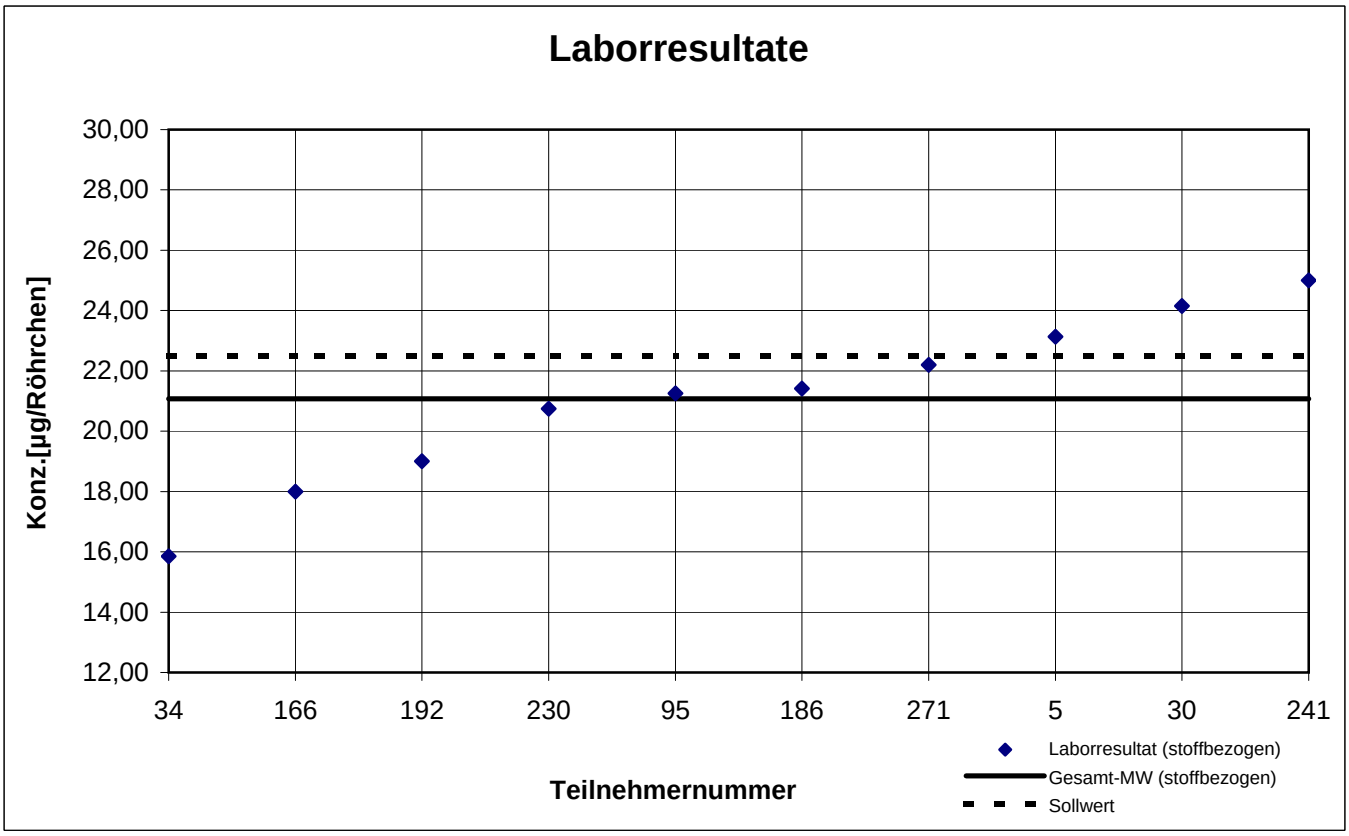
Probe 2 - Ergebnisse inkl. Toluol-Äquivalent

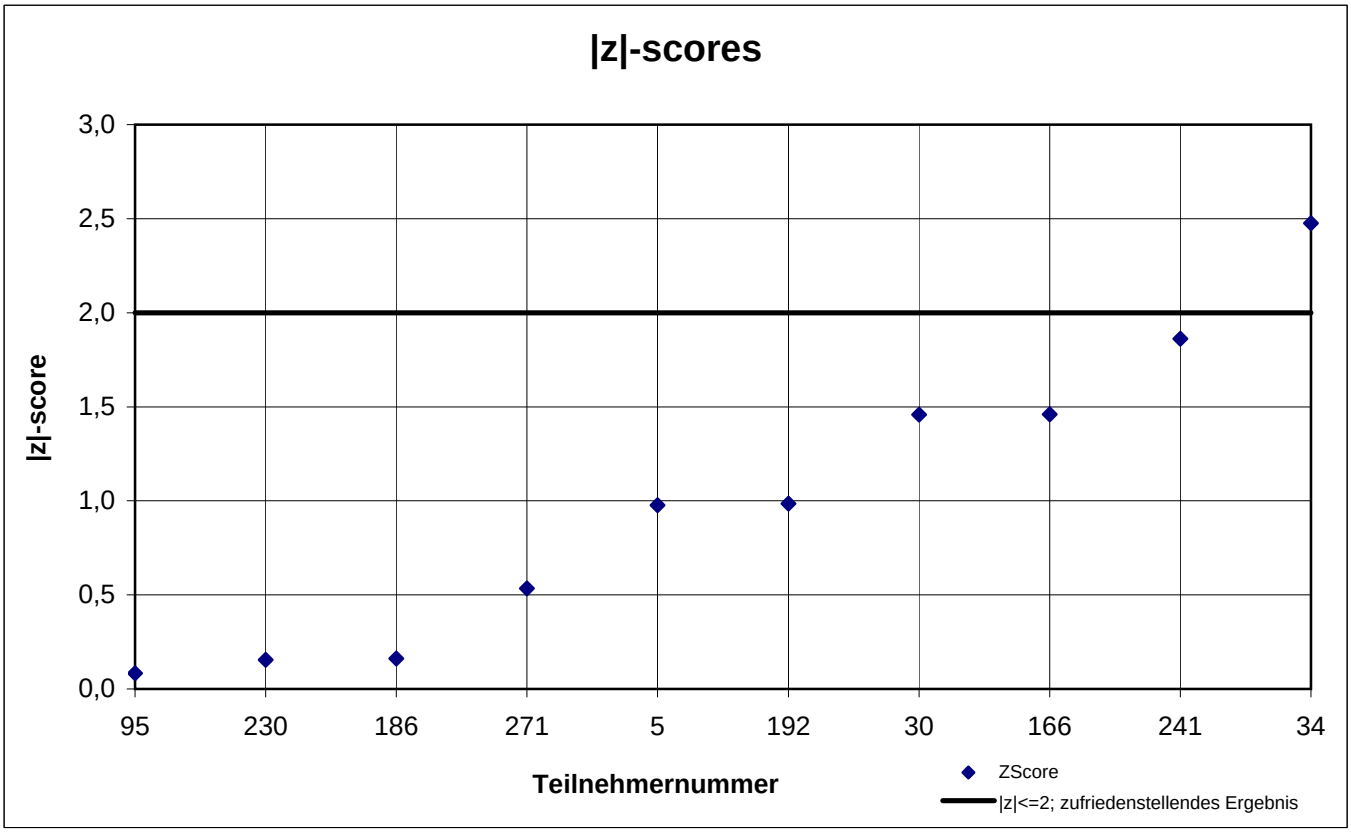


Teilnehmernummer + T = Ergebnis als Toluol-Äquivalent

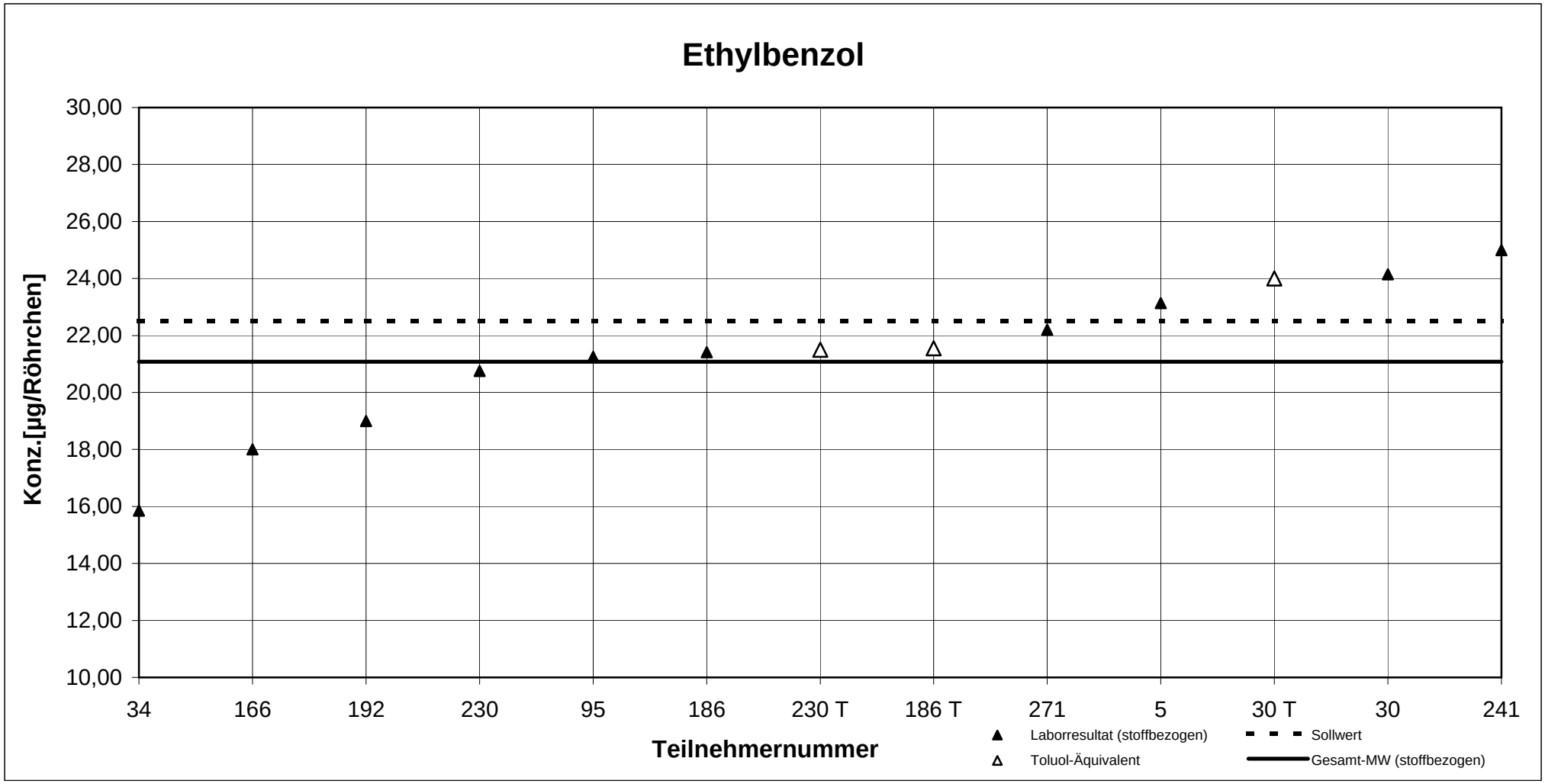
Probe 2

Ethylbenzol





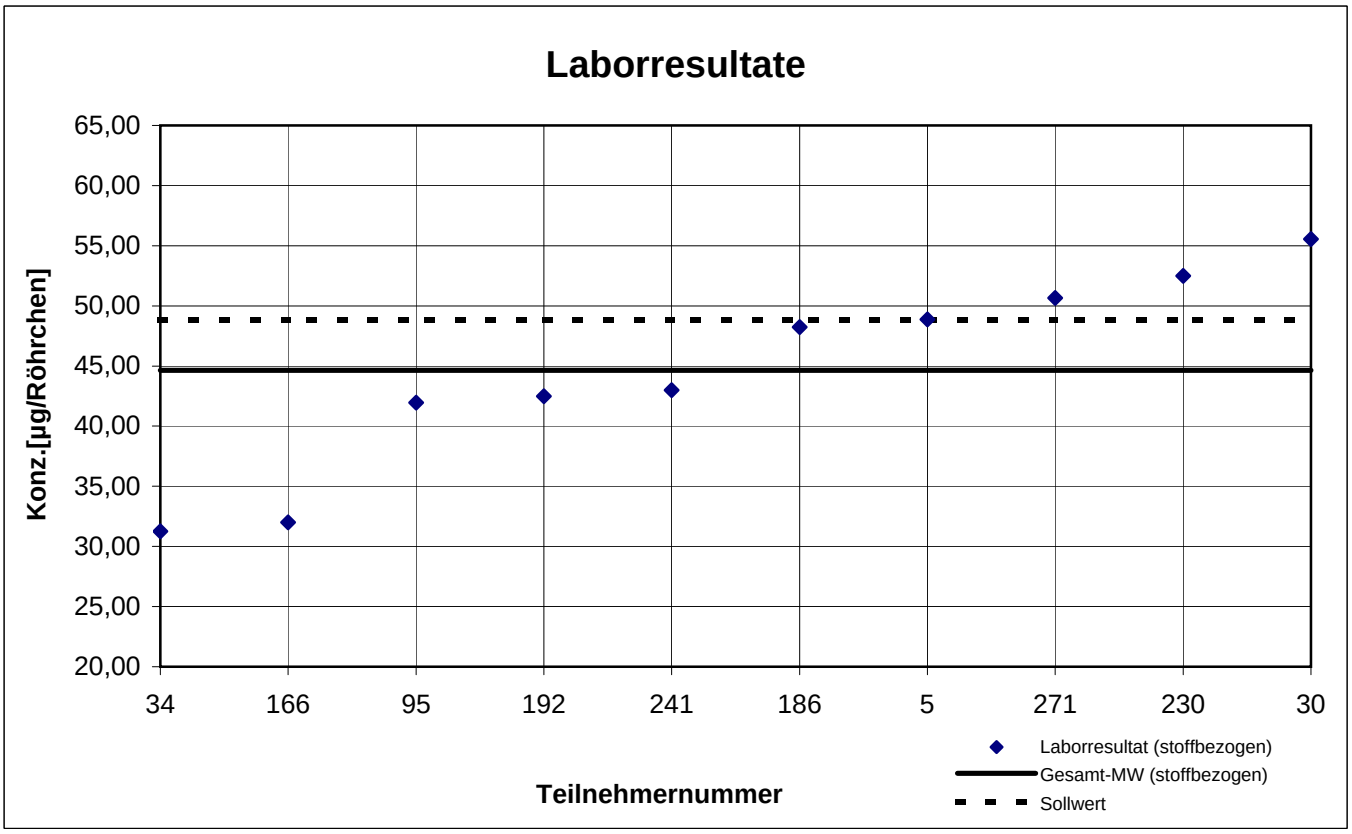
Probe 2 - Ergebnisse inkl. Toluol-Äquivalent



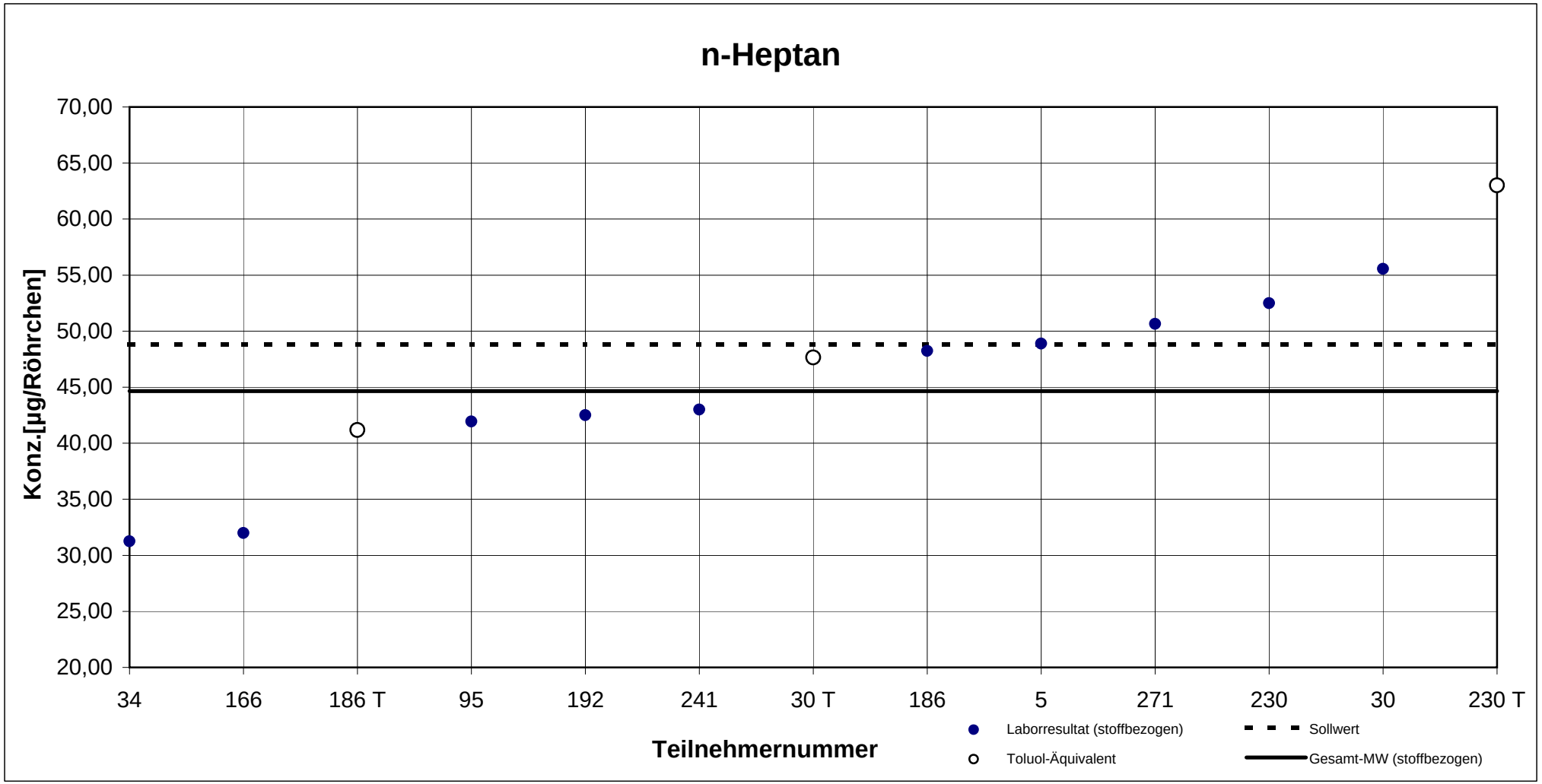
Teilnehmernummer + T = Ergebnis als Toluol-Äquivalent

Probe 2

n-Heptan



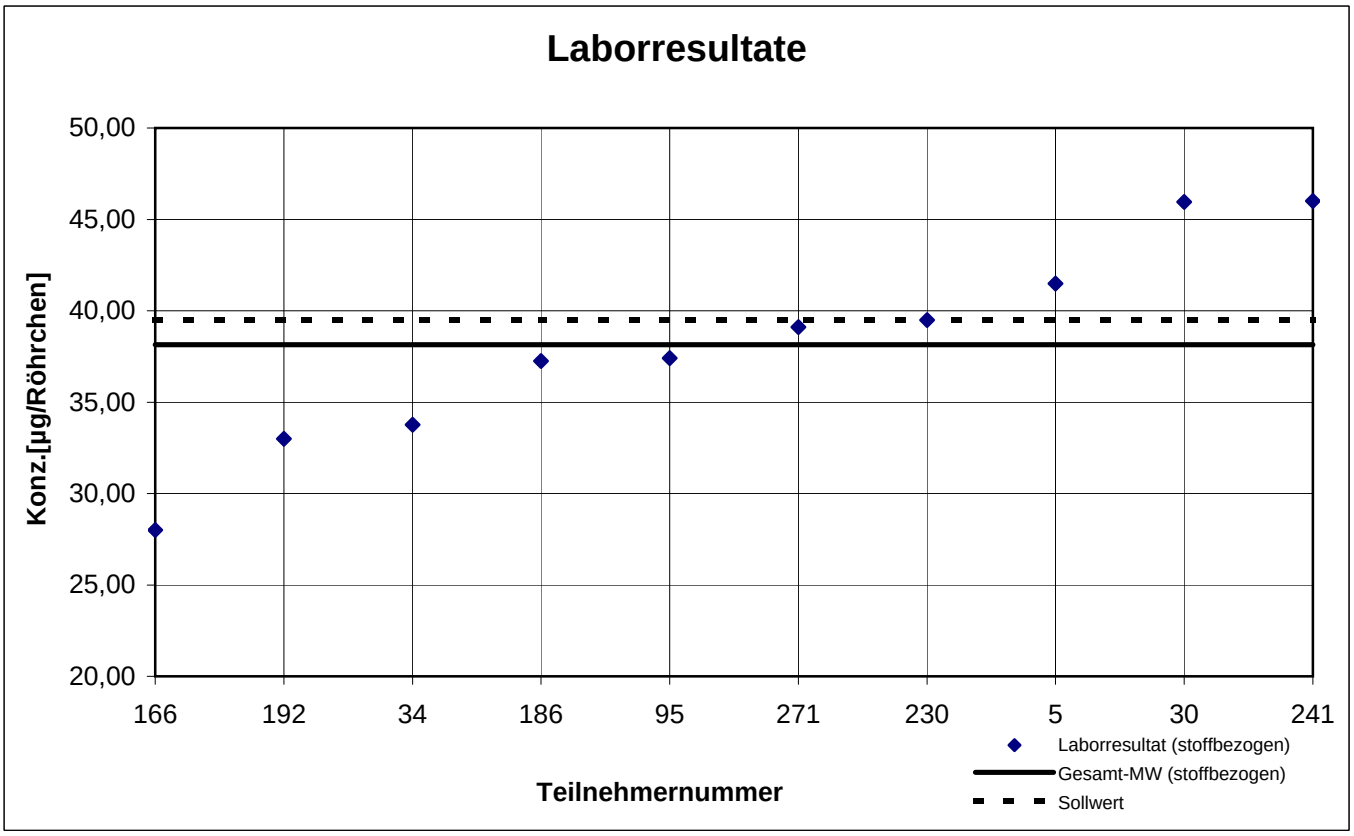
Probe 2 - Ergebnisse inkl. Toluol-Äquivalent

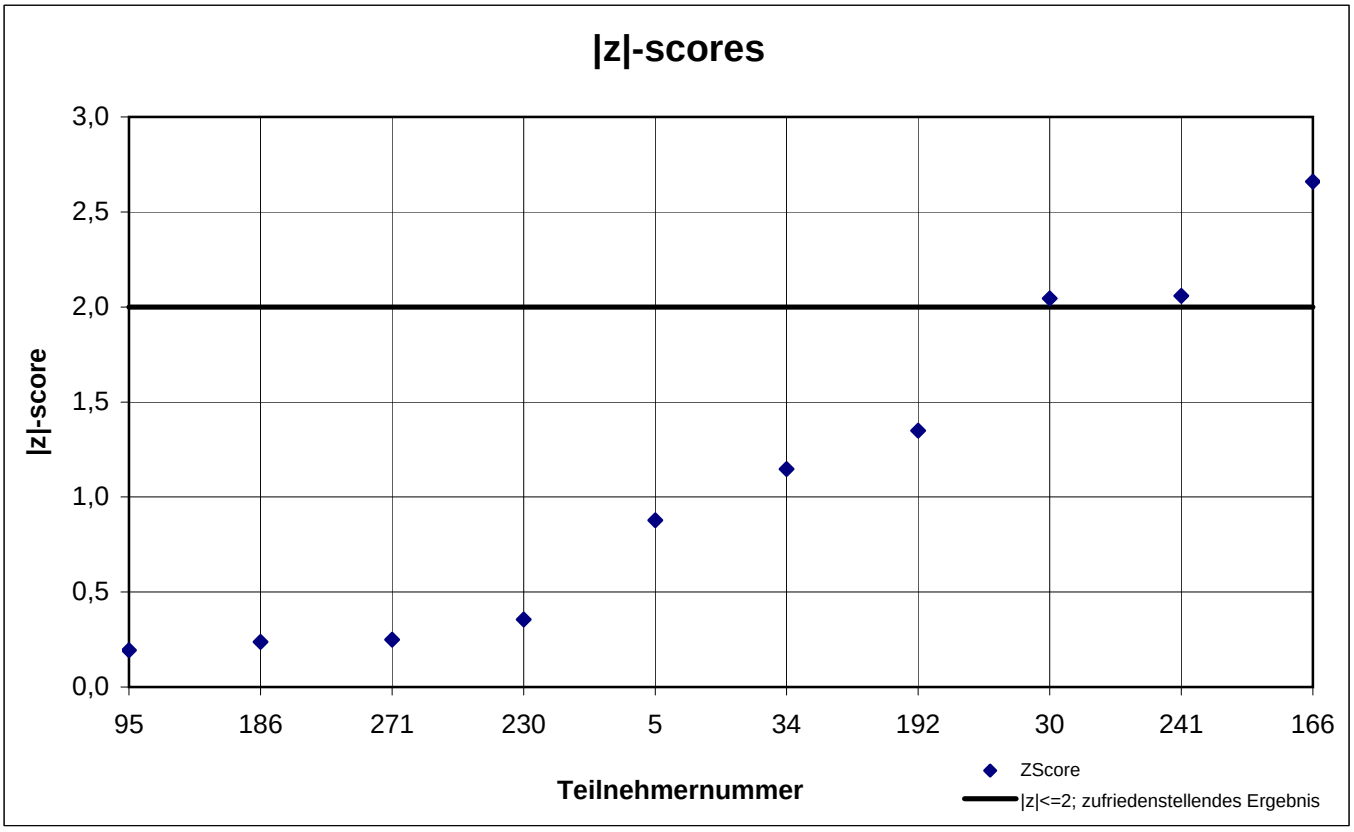


Teilnehmernummer + T = Ergebnis als Toluol-Äquivalent

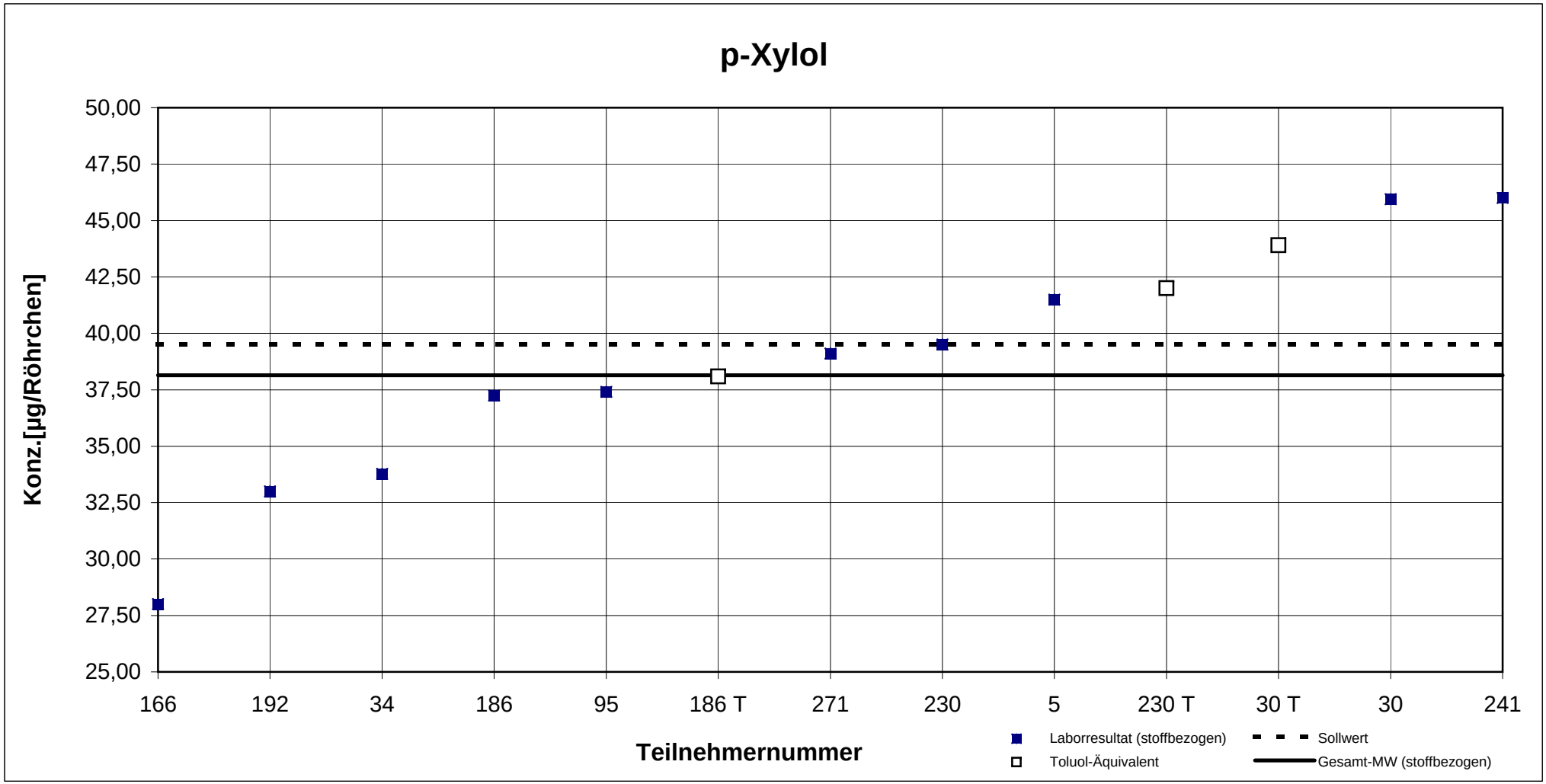
Probe 2

p-Xylol





Probe 2 - Ergebnisse inkl. Toluol-Äquivalent



Teilnehmernummer + T = Ergebnis als Toluol-Äquivalent

Probe 2

Toluol