

Equimolarity of Sulfur (S*3) with EPED

	Dimethylsulfide	Carbon disulfide	Ethylmethylsulfide	Diethylsulfide	Dimethyldisulfide	Diisopropylsulfide	Dipropylsulfide	Diisopropyldisulfide	Dibutylsulfide	Dipropyldisulfide	Ethylphenylsulfide	Dibutyldisulfide	Diphenylsulfide
Purity (GC)	97	99,9	95	98	98	96	90	96	96	98	97	98	98
Conc. (ppm)	12,7	19,2	12,7	12,8	16,2	12,3	12,7	14,2	12,8	14,6	15,6	14,3	17,0
On-column (ng)	6,55	16,13	5,35	4,54	11,00	3,34	3,44	6,05	2,80	6,22	3,61	5,12	2,93
Mean (10 Inj.)	17,779	43,275	14,276	12,630	31,223	8,909	9,408	16,571	8,071	17,505	9,975	14,242	7,843
Response	2,72	2,68	2,67	2,78	2,84	2,67	2,73	2,74	2,88	2,82	2,76	2,78	2,68
Deviation (%)	-1,27	-2,45	-3,00	1,25	3,21	-2,90	-0,70	-0,46	4,87	2,40	0,45	1,17	-2,58

Column: DB624 + DBVRX, each 30 m, 0.32 mm, 1.8 µm, 120 kpa Helium, injection 1µl „on column“

Temperature program: 40 °C / 6 min > 20 °/min > 260 °C / 15 min

EPED: 200 µm, 4 Hz, 20 ms, O: 10 kpa, H: 10 kpa

Analog out: C1, Multiplier 1

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