

## Reproducibility Sulfide (S\*3) with EPED

	Dimethylsulfide	Carbon disulfide	Ethylmethylsulfide	Diethylsulfide	Dimethyldisulfide	Diisopropylsulfide	Dipropylsulfide	Diisopropyldisulfide	Dibutylsulfide	Dipropyldisulfide	Ethylphenylsulfide	Dibutyldisulfide	Diphenylsulfide		
	Conc. (ppm)	318	480	318	320	405	308	318	355	320	365	390	357	426	
	On-column (ng S)	9,82	24,20	8,03	6,80	16,50	5,00	5,17	9,08	4,20	9,32	5,42	7,68	4,39	
1	Sulfide 300ppm	14,6990	35,4072	12,6130	11,9681	30,4401	9,1888	10,2788	19,7945	8,6671	20,3862	11,9606	16,8660	9,8851	
2	Sulfide 300ppm	14,9075	35,2684	12,3897	12,0032	30,8420	9,2681	10,4436	20,5880	8,9142	20,9396	12,4678	17,7437	10,2658	
3	Sulfide 300ppm	15,0913	36,2600	12,8093	12,0693	30,3436	9,2060	10,1560	19,9955	8,4538	20,0263	11,8386	16,5852	9,8107	
4	Sulfide 300ppm	14,4499	34,9358	12,4435	11,9197	30,8783	9,1404	10,5211	20,5253	8,9283	21,2030	12,5143	17,6796	10,4902	
5	Sulfide 300ppm	14,8037	35,4515	12,5991	12,0209	30,7540	9,1392	10,1114	19,5798	8,6969	20,4208	11,8795	17,0590	9,9483	Std. dev. (%)
6	Sulfide 300ppm	14,3828	34,1985	12,2356	11,9884	31,1207	9,2980	10,5313	20,6350	8,8237	21,3718	12,5998	17,8765	10,4087	>3
7	Sulfide 300ppm	14,1417	33,8261	12,3577	11,9433	31,2836	9,3416	10,7923	20,6090	9,0988	21,4501	12,5663	18,0131	10,1772	<3
8	Sulfide 300ppm	14,6588	35,1402	12,5232	12,0458	31,1203	9,3365	10,5308	20,5854	8,9791	21,1500	12,0534	17,8214	10,4951	<2
9	Sulfide 300ppm	15,5611	36,3871	12,6783	11,9858	30,7491	9,1175	10,2891	18,8968	8,6080	21,7099	12,5144	17,1737	10,1608	
10	Sulfide 300ppm	14,8350	35,5139	12,6402	11,8859	30,7337	9,2469	10,3783	20,2904	8,8720	20,9457	12,2869	17,4548	10,2114	
	Mean	14,7531	35,2389	12,5290	11,9830	30,8265	9,2283	10,4033	20,1500	8,8042	20,9603	12,2682	17,4273	10,1853	(counts)
	Standard dev.	0,3965	0,7952	0,1724	0,0563	0,2957	0,0826	0,2041	0,5806	0,1948	0,5333	0,3049	0,4818	0,2434	(counts)
	Stand. dev. (%)	2,69	2,26	1,38	0,47	0,96	0,89	1,96	2,88	2,21	2,54	2,49	2,76	2,39	(%)

**Column:** DB1, 60 m, 0.32 mm, 1 µm, 120 kpa Helium, injection 1 µl, split 1:20,

**Temperature program:** 60 °C / 2 min > 20 °/min > 320 °C / 15 min

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

Analog out: C1, Multiplier 1