12-A - VOCs - Carbopack X sorbent tubes

Analyte	Analyst	Method	Result	Ux	Units	Z Score	Assigned Value	Ux AV	SDPA	Exp.SDPA	Number of results	Median	Mean	Robust SD	SD	Your Reference
12A-A - Benzene	Lab Result	GC-MS	132.0		ng	0.21*	129.6	6.75	9.72	11.83	8	129.6	133.5	15.27	13.59	GC-MS
12A-B - Benzene	Lab Result	GC-MS	93.6		ng	0.57	89.8	1.54	6.73	N/A	8	89.8	90.6	3.49	4.78	GC-MS
12A-C - Benzene	Lab Result	GC-MS	97.7		ng	0.41	94.8	2	7.11	N/A	8	94.8	95.2	4.52	4.85	GC-MS
12A-D - Benzene	Lab Result	GC-MS	118.0		ng	0.24*	115.8	2.69	8.68	9.09	8	115.8	117.2	6.08	7.67	GC-MS
12A-A - Toluene	Lab Result	GC-MS	217.9		ng	0.26*	213	10.06	15.97	18.88	8	213	215.6	22.76	23.33	GC-MS
12A-B - Toluene	Lab Result	GC-MS	158.7		ng	0.94	148.3	1.97	11.12	N/A	8	148.3	149.3	4.45	7.57	GC-MS
12A-C - Toluene	Lab Result	GC-MS	194.6		ng	0.08*	193.3	7.34	14.5	16.25	8	193.3	192.4	16.61	12.74	GC-MS
12A-D - Toluene	Lab Result	GC-MS	238.9		ng	0.28*	233.2	10.58	17.49	20.44	8	233.2	233.3	23.95	21.40	GC-MS
12A-A - Xylene (all isomers)	Lab Result	GC-MS	430.4		ng	1.14*	386.9	24.54	29.02	38.01	8	386.9	394.5	55.54	37.86	GC-MS
12A-B - Xylene (all isomers)	Lab Result	GC-MS	303.4		ng	1.75*	254.1	20.78	19.06	28.20	8	254.1	248.6	47.01	47.06	GC-MS
12A-C - Xylene (all isomers)	Lab Result	GC-MS	327.8		ng	0.95*	298.8	20.68	22.41	30.49	8	298.8	297.7	46.79	42.10	GC-MS
12A-D - Xylene (all isomers)	Lab Result	GC-MS	416.8		ng	1.45*	362.2	26.02	27.16	37.61	8	362.2	363.4	58.88	58.87	GC-MS
12A-A - Ethyl benzene	Lab Result	GC-MS	116.0		ng	0.86*	107.7	5.31	8.07	9.66	8	107.7	109.3	12.01	12.29	GC-MS
12A-B - Ethyl benzene	Lab Result	GC-MS	79.7		ng	1.97*	69	1.64	5.18	5.43	8	69	71.1	3.71	6.34	GC-MS
12A-C - Ethyl benzene	Lab Result	GC-MS	157.0		ng	1.27*	142.1	5.01	10.65	11.77	8	142.1	147.7	11.34	14.22	GC-MS
12A-D - Ethyl benzene	Lab Result	GC-MS	193.2		ng	1.50*	172	5.83	12.9	14.16	8	172	179.9	13.20	19.13	GC-MS

* Please note, participant performance for this analyte has been assessed using a z' score, rather than a z score, in order to account for the measurement uncertainty of the assigned value which is not negligible when compared to the SDPA.

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