

BCMOE CSR Schedule 11 Substance	RDL ug	General Numerical Vapour Standards					
		Ag, UP, Res		Commercial		Industrial	
		ug/m ³	min vol (L)	ug/m ³	min vol (L)	ug/m ³	min vol (L)
VOLATILE ORGANIC COMPOUNDS (VOCs) – Thermal Desorption (TD) Tube¹							
acetone	0.010	20	0.5	60	0.5	200	0.5
acrylonitrile	0.001	1.5	0.7	1.5	0.7	1.5	0.7
allyl chloride	0.0005	1	0.5	3	0.5	9	0.5
benzene	0.0005	1.5	0.5	4	0.5	10	0.5
bromobenzene	0.001	10	0.5	30	0.5	90	0.5
bromodichloromethane	0.0005	1	0.5	2	0.5	6.5	0.5
bromoform	0.001	9	0.5	30	0.5	85	0.5
bromomethane	0.010	5	2.0	15	1.0	45	1.0
butadiene (1,3-)	0.002	2	1.0	6	0.5	20	0.5
carbon disulfide	0.002	700	0.5	2,000	0.5	6,500	0.5
carbon tetrachloride	0.0003	0.65	0.5	2	0.5	6	0.5
chlorobenzene	0.001	50	0.5	150	0.5	450	0.5
chloroethane	0.005	10,000	0.5	30,000	0.5	90,000	0.5
chloroform	0.0005	1	0.5	1.5	0.5	4	0.5
chloromethane	0.010	5.5	2.0	15	1.0	50	1.0
chlorotoluene (2-)	0.002	40	0.5	100	0.5	350	0.5
cumene (isopropylbenzene)	0.001	400	0.5	1,000	0.5	4,000	0.5
decane (n-)	0.003	2,500	0.5	8,000	0.5	25,000	0.5
dibromochloromethane	0.001	40	0.5	100	0.5	350	0.5
dibromo-3-chloropropane (1,2-)	0.001	15	0.5	50	0.5	150	0.5
dibromoethane (1,2-)	0.001	1	0.5	1	0.5	1	0.5
dichlorobenzene (1,4-)	0.001	800	0.5	2,500	0.5	7,000	0.5
dichlorobenzene (1,3-)	0.001	80	0.5	250	0.5	850	0.5
dichlorobenzene (1,2-)	0.001	200	0.5	600	0.5	2,000	0.5
dichlorodifluoromethane (Freon 12)	0.002	200	0.5	600	0.5	2,000	0.5
dichloroethane (1,1-)	0.001	500	0.5	1,500	0.5	4,500	0.5
dichloroethane (1,2-)	0.0003	0.4	0.8	1	0.5	3.5	0.5
dichloroethene (1,1-)	0.0003	1	0.5	1	0.5	2	0.5
dichloroethene, cis (1,2-)	0.001	20	0.5	60	0.5	200	0.5
dichloroethene, trans (1,2-)	0.001	60	0.5	200	0.5	550	0.5
dichloropropane (1,2-)	0.0005	0.65	0.8	2	0.5	6	0.5
dichloropropane (1,3-)	0.001	50	0.5	150	0.5	550	0.5
dichloropropene, cis+trans (1,3-)	0.001	2.5	0.5	7.5	0.5	25	0.5
ethyl acetate	0.005	2,000	0.5	5,500	0.5	15,000	0.5
ethylbenzene	0.001	1,000	0.5	3,000	0.5	9,000	0.5
ethyl ether	0.002	400	0.5	1,000	0.5	3,500	0.5
ethyl methacrylate	0.001	200	0.5	550	0.5	1,500	0.5
hexachlorobutadiene (1,3-)	0.0005	2	0.5	2	0.5	4	0.5
hexachloroethane	0.001	2.5	0.5	10	0.5	25	0.5
hexane (n-)	0.010	700	0.5	2,000	0.5	6,500	0.5
methacrylonitrile	0.001	10	0.5	10	0.5	10	0.5
methylene bromide (dibromomethane)	0.001	5	0.5	15	0.5	45	0.5
methylene chloride (dichloromethane)	0.010	20	0.5	65	0.5	200	0.5

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VOLATILE ORGANIC COMPOUNDS (VOCs) – Thermal Desorption (TD) Tube¹							
methyl acrylate	0.005	60	0.5	200	0.5	550	0.5
methyl cyclohexane	0.002	3,000	0.5	9,000	0.5	27,000	0.5
methyl ethyl ketone (MEK)	0.002	5,000	0.5	15,000	0.5	45,000	0.5
methyl isobutyl ketone (MIBK)	0.002	3,000	0.5	9,000	0.5	27,000	0.5
methyl methacrylate	0.002	700	0.5	2,000	0.5	6,500	0.5
methyl tert-butyl ether (MTBE)	0.002	3,000	0.5	9,000	0.5	27,000	0.5
naphthalene	0.001	3	0.5	9	0.5	25	0.5
nitrobenzene	0.001	2	0.5	6	0.5	20	0.5
styrene	0.001	1,000	0.5	3,000	0.5	9,000	0.5
tetrachloroethane (1,1,1,2-)	0.0005	1.5	0.5	4	0.5	10	0.5
tetrachloroethane (1,1,2,2-)	0.0005	1	0.5	1	0.5	1.5	0.5
tetrachloroethene (PCE/PERC)	0.005	600	0.5	2,000	0.5	5,500	0.5
tetrahydrofuran	0.001	4	0.5	10	0.5	40	0.5
toluene	0.010	5,000	0.5	15,000	0.5	45,000	0.5
trichlorobenzene (1,2,4-)	0.001	4	0.5	10	0.5	35	0.5
trichloroethane (1,1,1-)	0.001	2,000	0.5	6,500	0.5	20,000	0.5
trichloroethane (1,1,2-)	0.0005	0.6	0.9	2	0.5	5	0.5
trichloroethene (TCE)	0.0003	0.5	0.6	0.5	0.6	1	0.5
trichlorofluoromethane (Freon 11)	0.001	700	0.5	2,000	0.5	6,500	0.5
trichloropropane (1,2,3-)	0.001	10	0.5	35	0.5	100	0.5
trimethylbenzene (1,2,4-)	0.002	6	0.5	20	0.5	55	0.5
trimethylbenzene (1,3,5-)	0.002	6	0.5	20	0.5	55	0.5
vinyl chloride (chloroethene)	0.002	1	2.0	3.5	0.6	10	0.5
xylenes (total)	0.005	100	0.5	300	0.5	900	0.5
VPHv6-13*	2.0	1000	2.0	3000	1.0	11500	0.5
VOLATILE ORGANIC COMPOUNDS (VOCs) – Thermal Desorption (TD) Tube¹ Extended List							
acetaldehyde	0.010	4.5	2.3	15	0.7	40	0.5
dichloro-2-butene, cis+trans (1,4-)	0.001	0.4	2.5	0.4	2.5	0.4	2.5
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OTHER SCHEDULE 11 PARAMETERS – Specialized Tubes							
ammonia	1	100	10	300	5	900	3
hydrogen cyanide (cyanide)	0.03	3	10	9	5	30	3

¹TD Tube Volume Maximum = 6L, Minimum = 0.5L

Recommended Flow Rate for Thermal Desorption (TD) Tubes is 100 mL/min (0.1 L/min)

- Maximum should not exceed 200 mL/min (0.2 L/min)
- Minimum should not be below 20 mL/min (0.02L/min)

* VPHv6-13 = VHv – \sum { n-Hexane + n-Decane + Benzene + Toluene + Ethylbenzene + Xylenes }