

Caltest Analysis Details



Analysis Code: 624.ML

Matrix: Water (ML)

Method: EPA 624.1

CAS#	Compound Name	Reporting	Units	MDL	PQL	RDL	LCS			MS		
							Spk Conc.	Rec. (%)	RPD (%)	Spk Conc.	Rec. (%)	RPD (%)
107-02-8	Acrolein	Included	ug/L	0.81	2.0	2.0	20	60-140	60	400	40-160	50
107-13-1	Acrylonitrile	Included	ug/L	1.3	2.0	2.0	20	60-140	60	400	40-160	50
71-43-2	Benzene	Included	ug/L	0.18	0.50	0.50	5.0	65-135	61	100	37-151	30
75-27-4	Bromodichloromethane	Included	ug/L	0.080	0.50	0.50	5.0	65-135	56	100	35-155	30
75-25-2	Bromoform	Included	ug/L	0.15	0.50	0.50	5.0	70-130	42	100	45-169	30
74-83-9	Bromomethane (Methyl Bromide)	Included	ug/L	0.13	0.50	0.50	5.0	15-185	61	100	3-242	45
56-23-5	Carbon tetrachloride	Included	ug/L	0.21	0.25	0.50	5.0	70-130	41	100	70-140	30
108-90-7	Chlorobenzene	Included	ug/L	0.18	0.50	0.50	5.0	65-135	53	100	37-160	30
75-00-3	Chloroethane (Ethyl Chloride)	Included	ug/L	0.46	0.50	0.50	5.0	40-160	78	100	14-230	40
110-75-8	2-Chloroethyl vinyl ether	Included	ug/L	0.36	1.0	1.0	10	3-225	71	200	3-305	40
67-66-3	Chloroform	Included	ug/L	0.17	0.50	0.50	5.0	70-135	54	100	51-138	30
74-87-3	Chloromethane(Methyl Chloride)	Included	ug/L	0.46	0.50	0.50	5.0	5-205	60	100	5-273	60
124-48-1	Dibromochloromethane	Included	ug/L	0.17	0.25	0.25	5.0	70-135	50	100	53-149	30
95-50-1	1,2-Dichlorobenzene	Included	ug/L	0.27	0.50	0.50	5.0	65-135	57	100	18-190	30
541-73-1	1,3-Dichlorobenzene	Included	ug/L	0.18	0.50	0.50	5.0	70-130	43	100	59-156	30
106-46-7	1,4-Dichlorobenzene	Included	ug/L	0.18	0.50	0.50	5.0	65-135	57	100	18-190	30
75-71-8	Dichlorodifluoromethane (F-12)	Included	ug/L	0.32	0.50	0.50	5.0	44-166	30	100	55-152	45
75-34-3	1,1-Dichloroethane	Included	ug/L	0.41	0.50	0.50	5.0	70-130	40	100	59-155	30
107-06-2	1,2-Dichloroethane (EDC)	Included	ug/L	0.17	0.50	0.50	5.0	70-130	30	100	49-155	30
75-35-4	1,1-Dichloroethene	Included	ug/L	0.39	0.50	0.50	5.0	50-150	32	100	3-234	30
156-59-2	cis-1,2-Dichloroethene	Included	ug/L	0.15	0.50	0.50	5.0	72-134	30	100	78-124	30
156-60-5	trans-1,2-Dichloroethene	Included	ug/L	0.10	0.50	0.50	5.0	70-130	45	100	54-156	30
78-87-5	1,2-Dichloropropane	Included	ug/L	0.15	0.50	0.50	5.0	35-165	55	100	3-210	30

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10061-01-5	cis-1,3-Dichloropropene	Included	ug/L	0.090	0.50	0.50	5.0	25-175	58	100	3-227	30
10061-02-6	trans-1,3-Dichloropropene	Included	ug/L	0.46	0.50	0.50	5.0	50-150	86	100	17-183	30
306-83-2	Dichlorotrifluoroethane (F123)	Included	ug/L	0.14	0.50	0.50	5.0	64-142	30	100	77-128	30
100-41-4	Ethylbenzene	Included	ug/L	0.10	0.50	0.50	5.0	60-140	30	100	37-162	30
1634-04-4	Methyl tert-butyl ether (MTBE)	Included	ug/L	0.15	0.50	0.50	5.0	68-142	30	100	67-137	30
75-09-2	Methylene chloride	Included	ug/L	0.49	0.50	0.50	5.0	60-140	28	100	3-221	30
79-34-5	1,1,2,2-Tetrachloroethane	Included	ug/L	0.23	0.50	0.50	5.0	60-140	61	100	46-157	30
127-18-4	Tetrachloroethene (PCE)	Included	ug/L	0.19	0.50	0.50	5.0	70-130	39	100	64-148	30
108-88-3	Toluene	Included	ug/L	0.19	0.50	0.50	5.0	70-130	41	100	47-150	30
79-00-5	1,1,2-Trichloroethane	Included	ug/L	0.24	0.50	0.50	5.0	70-130	45	100	52-150	30
71-55-6	1,1,1-Trichloroethane (TCA)	Included	ug/L	0.46	0.50	0.50	5.0	70-130	36	100	52-162	30
79-01-6	Trichloroethene (TCE)	Included	ug/L	0.20	0.50	0.50	5.0	65-135	48	100	70-157	30
75-69-4	Trichlorofluoromethane (F-11)	Included	ug/L	0.29	0.50	0.50	5.0	50-150	84	100	17-181	40
76-13-1	Trichlorotrifluoroethane F-113	Included	ug/L	0.13	0.50	1.0	5.0	62-151	30	100	57-159	30
75-01-4	Vinyl chloride	Included	ug/L	0.25	0.50	0.50	5.0	5-195	66	100	3-251	40
1330-20-7	Xylenes, total	Included	ug/L	0.47	0.50	0.50	15	58-138	30	300	49-146	30
67-64-1	Acetone	Optional	ug/L	3.0	10		10	48-157	30	200	13-177	30
994-05-8	tert-Amyl-Methyl ether (TAME)	Optional	ug/L	0.15	0.50		5.0	65-145	30	100	73-129	30
108-86-1	Bromobenzene	Optional	ug/L	0.20	0.50		5.0	59-138	30	100	61-133	30
74-97-5	Bromochloromethane	Optional	ug/L	0.18	0.50		5.0	70-140	30	100	76-127	30
ERYTHRENE	1,3-butadiene	Optional	ug/L	0.34	0.50		5.0	46-174	30	100	28-190	34
78-93-3	2-Butanone (MEK)	Optional	ug/L	0.69	2.0		10	58-147	30	200	34-161	35
104-51-8	n-Butylbenzene	Optional	ug/L	0.22	0.50		5.0	69-134	30	100	69-127	30
135-98-8	sec-Butylbenzene	Optional	ug/L	0.20	0.50		5.0	65-132	30	100	75-122	30

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98-06-6	tert-Butylbenzene	Optional	ug/L	0.20	0.50		5.0	63-138	30	100	79-123	30
75-15-0	Carbon disulfide	Optional	ug/L	1.0	1.0		10	48-158	30	200	58-158	30
111-44-4	bis(2-Chloroethyl) ether	Optional	ug/L	1.3	2.5		25	54-161	30	500	51-153	35
95-49-8	2-Chlorotoluene	Optional	ug/L	0.19	0.50		5.0	63-124	30	100	74-112	30
106-43-4	4-Chlorotoluene	Optional	ug/L	0.18	0.50		5.0	69-122	30	100	70-115	30
96-12-8	1,2-Dibromo-3-chloropropane	Optional	ug/L	0.25	0.50		5.0	38-152	30	100	60-137	30
106-93-4	1,2-Dibromoethane (EDB)	Optional	ug/L	0.18	0.50		5.0	72-123	30	100	73-123	30
74-95-3	Dibromomethane	Optional	ug/L	0.20	0.50		5.0	67-141	30	100	58-144	30
540-59-0	1,2-Dichloroethene, total	Optional	ug/L	0.23	0.50		10	72-135	30	200	77-125	30
142-28-9	1,3-Dichloropropane	Optional	ug/L	0.18	0.50		5.0	72-123	30	100	74-120	30
594-20-7	2,2-Dichloropropane	Optional	ug/L	0.14	0.50		5.0	62-143	30	100	55-133	30
563-58-6	1,1-Dichloropropene	Optional	ug/L	0.36	0.50		5.0	56-150	30	100	57-145	30
542-75-6	1,3-Dichloropropene, total	Optional	ug/L	0.35	0.50		10	74-128	30	200	56-141	30
108-20-3	Diisopropyl ether (DIPE)	Optional	ug/L	0.16	0.50		5.0	69-141	30	100	79-128	30
64-17-5	Ethanol	Optional	ug/L	250	500		1000	70-130	30	4000	70-130	30
637-92-3	Ethyl tert-butyl ether (ETBE)	Optional	ug/L	0.16	0.50		5.0	64-145	30	100	78-126	30
87-68-3	Hexachlorobutadiene	Optional	ug/L	0.20	0.50		5.0	34-170	30	100	62-126	30
591-78-6	2-Hexanone	Optional	ug/L	0.52	2.0		10	60-132	30	200	71-125	40
74-88-4	Iodomethane	Optional	ug/L	1.2	2.0		10	62-126	30	200	48-138	40
98-82-8	Isopropylbenzene (Cumene)	Optional	ug/L	0.18	0.50		5.0	64-130	30	100	54-139	30
99-87-6	4-Isopropyltoluene	Optional	ug/L	0.19	0.50		5.0	68-132	30	100	74-124	30
108-10-1	4-Methyl-2-pentanone (MIBK)	Optional	ug/L	0.33	1.0		10	55-143	30	200	63-146	30
75-65-0	2-Methyl-2-propanol (TBA)	Optional	ug/L	2.6	20		50	55-143	30	1000	57-156	35
91-20-3	Naphthalene	Optional	ug/L	0.23	0.50		5.0	43-188	30	100	46-159	35

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103-65-1	n-Propylbenzene	Optional	ug/L	0.20	0.50		5.0	60-136	30	100	75-121	30
100-42-5	Styrene	Optional	ug/L	0.19	0.50		5.0	57-138	30	100	43-150	30
630-20-6	1,1,1,2-Tetrachloroethane	Optional	ug/L	0.30	0.50		5.0	77-114	30	100	75-118	30
109-99-9	Tetrahydrofuran	Optional	ug/L	1.0	5.0		10	61-143	30	40	27-172	30
87-61-6	1,2,3-Trichlorobenzene	Optional	ug/L	0.42	0.50		5.0	61-159	30	100	53-146	35
120-82-1	1,2,4-Trichlorobenzene	Optional	ug/L	0.34	0.50		5.0	37-188	30	100	62-136	30
96-18-4	1,2,3-Trichloropropane	Optional	ug/L	0.43	0.50		5.0	46-147	30	100	43-158	30
THM	Total Trihalomethanes	Optional	ug/L	0.62	1.0		20	64-133	30	400	78-125	30
95-63-6	1,2,4-Trimethylbenzene	Optional	ug/L	0.19	0.50		5.0	73-131	30	100	76-125	30
108-67-8	1,3,5-Trimethylbenzene	Optional	ug/L	0.22	0.50		5.0	74-125	30	100	75-120	30
108-05-4	Vinyl acetate	Optional	ug/L	0.60	1.0		10	29-174	30	200	16-178	30
XYLMP	m and p-Xylene	Optional	ug/L	0.40	0.50		10	57-140	30	200	49-148	30
95-47-6	o-Xylene	Optional	ug/L	0.19	0.50		5.0	59-134	30	100	50-144	30
460-00-4	4-Bromofluorobenzene	Surrogate	ug/L	N/A	N/A		12	80-120	30	12	80-120	30
1868-53-7	Dibromofluoromethane	Surrogate	ug/L	N/A	N/A		12	71-133	30	12	63-142	30
17060-07-0	1,2-Dichloroethane-d4	Surrogate	ug/L	N/A	N/A		12	66-137	30	12	57-148	30
2037-26-5	Toluene-d8	Surrogate	ug/L	N/A	N/A		12	61-136	30	12	46-145	30