

Caltest Analysis Details



Description: PAH's only
Analysis Code: PAH.ML

Matrix: Water (ML)
Method: EPA 625.1

CAS#	Compound Name	Reporting	Units	MDL	PQL	RDL	LCS			MS		
							Spk Conc.	Rec. (%)	RPD (%)	Spk Conc.	Rec. (%)	RPD (%)
83-32-9	Acenaphthene	Included	ug/L	0.020	0.050	0.30	50	47-145	40	50	47-145	48
208-96-8	Acenaphthylene	Included	ug/L	0.020	0.050	0.20	50	33-145	40	50	33-145	74
120-12-7	Anthracene	Included	ug/L	0.030	0.050	0.30	50	27-133	40	50	27-133	66
56-55-3	Benzo(a)anthracene	Included	ug/L	0.050	0.050	0.30	50	33-143	40	50	33-143	53
50-32-8	Benzo(a)pyrene	Included	ug/L	0.040	0.050	0.30	50	17-163	40	50	17-163	72
205-99-2	Benzo(b)fluoranthene	Included	ug/L	0.050	0.050	0.30	50	24-159	40	50	24-159	71
191-24-2	Benzo(g,h,i)perylene	Included	ug/L	0.050	0.050	0.10	50	1-219	40	50	1-219	97
207-08-9	Benzo(k)fluoranthene	Included	ug/L	0.020	0.050	0.30	50	11-162	40	50	11-162	63
218-01-9	Chrysene	Included	ug/L	0.050	0.050	0.30	50	17-168	40	50	17-168	87
53-70-3	Dibenzo(a,h)anthracene	Included	ug/L	0.050	0.050	0.10	50	1-227	40	50	1-227	126
206-44-0	Fluoranthene	Included	ug/L	0.020	0.050	0.050	50	26-137	40	50	26-137	66
86-73-7	Fluorene	Included	ug/L	0.020	0.050	0.10	50	59-121	40	50	59-121	38
193-39-5	Indeno(1,2,3-cd)pyrene	Included	ug/L	0.050	0.050	0.050	50	1-171	40	50	1-171	99
91-20-3	Naphthalene	Included	ug/L	0.020	0.050	0.20	50	21-133	40	50	21-133	65
85-01-8	Phenanthrene	Included	ug/L	0.020	0.050	0.050	50	54-120	40	50	54-120	39
129-00-0	Pyrene	Included	ug/L	0.020	0.050	0.050	50	52-120	40	50	52-120	49
62-53-3	Aniline	Optional	ug/L	0.67	2.0	5.0	50	20-130	40	50	1-130	40
92-87-5	Benzidine	Optional	ug/L	4.0	5.0	5.0	50	1-130	40	50	1-130	40
192-97-2	Benzo(e)pyrene	Optional	ug/L	0.030	0.050		N/A	50-150	30	N/A	50-150	30
65-85-0	Benzoic acid	Optional	ug/L	4.4	20	20	100	1-130	40	100	1-130	40
100-51-6	Benzyl alcohol	Optional	ug/L	0.39	5.0	5.0	50	35-130	40	50	1-130	40
85-68-7	Benzyl butyl phthalate	Optional	ug/L	2.0	2.0	5.0	50	1-152	40	50	1-152	60
101-55-3	4-Bromophenyl phenyl ether	Optional	ug/L	0.23	2.0	5.0	50	53-127	40	50	53-127	43
86-74-8	Carbazole	Optional	ug/L	0.70	1.0	5.0	50	45-140	40	50	5-150	40

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							Spk Conc.	Rec. (%)	RPD (%)	Spk Conc.	Rec. (%)	RPD (%)
106-47-8	4-Chloroaniline	Optional	ug/L	0.63	1.0	5.0	50	1-140	40	50	1-130	40
111-91-1	bis(2-Chloroethoxy) methane	Optional	ug/L	0.14	1.0	5.0	50	33-184	40	50	33-184	54
111-44-4	bis(2-Chloroethyl) ether	Optional	ug/L	0.33	1.0	1.0	50	12-158	40	50	12-158	108
108-60-1	bis(2-Chloroisopropyl) ether	Optional	ug/L	0.21	1.0	2.0	50	36-166	40	50	36-166	76
59-50-7	4-Chloro-3-methylphenol	Optional	ug/L	0.32	1.0	1.0	100	22-147	40	100	22-147	73
91-58-7	2-Chloronaphthalene	Optional	ug/L	0.28	1.0	5.0	50	60-120	40	50	60-120	24
95-57-8	2-Chlorophenol	Optional	ug/L	0.53	2.0	2.0	100	23-134	40	100	23-134	61
7005-72-3	4-Chlorophenyl phenyl ether	Optional	ug/L	0.29	2.0	5.0	50	25-158	40	50	25-158	61
CRESOL	Total Cresol	Optional	ug/L	0.53	5.0	5.0	200	30-130	40	200	1-130	40
132-64-9	Dibenzofuran	Optional	ug/L	1.4	2.0	5.0	50	45-130	40	50	5-130	40
95-50-1	1,2-Dichlorobenzene	Optional	ug/L	0.28	1.0	2.0	50	32-129	40	50	32-129	40
541-73-1	1,3-Dichlorobenzene	Optional	ug/L	0.23	1.0	1.0	50	1-172	40	50	1-172	40
106-46-7	1,4-Dichlorobenzene	Optional	ug/L	0.25	1.0	1.0	50	20-124	40	50	20-124	40
91-94-1	3,3'-Dichlorobenzidine	Optional	ug/L	1.4	5.0	5.0	50	1-262	40	50	1-262	108
120-83-2	2,4-Dichlorophenol	Optional	ug/L	0.45	1.0	1.0	100	39-135	40	100	39-135	50
103-23-1	Diethylhexyladipate	Optional	ug/L	0.70	1.0	1.0	50	5-145	40	50	10-130	40
84-66-2	Diethylphthalate	Optional	ug/L	0.50	1.0	2.0	50	1-120	40	50	1-120	100
581-42-0	2,6-Dimethylnaphthalene	Optional	ug/L	0.020	0.050		N/A	50-150	30	N/A	50-150	30
105-67-9	2,4-Dimethylphenol	Optional	ug/L	0.11	1.0	2.0	100	32-120	40	100	32-120	58
131-11-3	Dimethylphthalate	Optional	ug/L	0.50	1.0	2.0	50	1-120	40	50	1-120	183
84-74-2	Di-n-butylphthalate	Optional	ug/L	0.40	1.0	5.0	50	1-120	40	50	1-120	47
51-28-5	2,4-Dinitrophenol	Optional	ug/L	0.29	2.0	5.0	100	1-191	40	100	1-191	132
121-14-2	2,4-Dinitrotoluene	Optional	ug/L	0.28	1.0	5.0	50	39-139	40	50	39-139	42
606-20-2	2,6-Dinitrotoluene	Optional	ug/L	0.22	1.0	5.0	50	50-158	40	50	50-158	48

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							Spk Conc.	Rec. (%)	RPD (%)	Spk Conc.	Rec. (%)	RPD (%)
117-84-0	Di-n-octylphthalate	Optional	ug/L	0.40	1.0	5.0	50	4-146	40	50	4-146	69
123-91-1	1,4-Dioxane	Optional	ug/L	0.63	1.0	1.0	50	10-110	50	50	10-110	50
122-66-7	1,2Diphenylhydrazine/Azobenzene	Optional	ug/L	0.50	1.0	1.0	50	30-130	40	50	1-130	40
117-81-7	bis(2-Ethylhexyl) phthalate	Optional	ug/L	0.50	1.0	1.0	50	8-158	40	50	8-158	82
118-74-1	Hexachlorobenzene	Optional	ug/L	1.0	1.0	1.0	50	1-152	40	50	1-152	55
87-68-3	Hexachlorobutadiene	Optional	ug/L	0.40	1.0	1.0	50	24-120	40	50	24-120	62
77-47-4	Hexachlorocyclopentadiene	Optional	ug/L	0.90	1.0	1.0	50	1-130	40	50	1-130	40
67-72-1	Hexachloroethane	Optional	ug/L	0.40	1.0	1.0	50	40-120	40	50	40-120	52
78-59-1	Isophorone	Optional	ug/L	0.50	1.0	1.0	50	21-196	40	50	1-130	93
534-52-1	2-Methyl-4,6-dinitrophenol	Optional	ug/L	0.23	2.0	5.0	100	1-181	40	100	1-181	203
90-12-0	1-Methylnaphthalene	Optional	ug/L	0.020	0.050		N/A	50-150	30	N/A	50-150	30
90-12-0/91-57-6	1&2-Methylnaphthalene	Optional	ug/L	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A
91-57-6	2-Methylnaphthalene	Optional	ug/L	0.020	0.050	5.0	50	30-130	40	50	1-130	40
832-69-9	1-Methylphenanthrene	Optional	ug/L	0.030	0.050		N/A	50-150	30	N/A	50-150	30
95-48-7	2-Methylphenol (o-Cresol)	Optional	ug/L	0.32	1.0	5.0	100	35-130	40	100	1-130	40
84989-04-8	3 & 4-Methylphenol(m&p Cresol)	Optional	ug/L	0.24	5.0	5.0	100	25-130	40	100	1-130	40
88-74-4	2-Nitroaniline	Optional	ug/L	0.14	1.0	5.0	50	45-140	40	50	1-140	40
99-09-2	3-Nitroaniline	Optional	ug/L	0.38	2.0	5.0	50	10-145	40	50	1-155	40
100-01-6	4-Nitroaniline	Optional	ug/L	0.10	1.0	5.0	50	20-165	40	50	1-185	40
98-95-3	Nitrobenzene	Optional	ug/L	0.50	1.0	1.0	50	35-180	40	50	35-180	62
88-75-5	2-Nitrophenol	Optional	ug/L	0.38	2.0	5.0	100	29-182	40	100	29-182	55
100-02-7	4-Nitrophenol	Optional	ug/L	0.30	1.0	5.0	100	1-132	40	100	1-132	131
55-18-5	N-Nitrosodiethylamine	Optional	ug/L	0.90	5.0	5.0	50	30-130	40	50	1-130	40
62-75-9	N-Nitrosodimethylamine	Optional	ug/L	0.70	1.0	5.0	50	25-130	40	50	1-130	40

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							Spk Conc.	Rec. (%)	RPD (%)	Spk Conc.	Rec. (%)	RPD (%)
621-64-7	N-Nitroso-di-n-propylamine	Optional	ug/L	0.50	1.0	5.0	50	1-230	40	50	1-230	87
86-30-6	N-Nitrosodiphenylamine	Optional	ug/L	0.70	1.0	1.0	50	30-130	40	50	1-155	40
10595-95-6	N-Nitrosomethylethylamine	Optional	ug/L	0.50	5.0	5.0	50	30-135	40	50	1-130	40
608-93-5	Pentachlorobenzene	Optional	ug/L	0.33	0.50		50	60-140	35	51	1-150	35
87-86-5	Pentachlorophenol	Optional	ug/L	0.40	1.0	1.0	100	14-176	40	100	14-176	86
198-55-0	Perylene	Optional	ug/L	0.010	0.050	5.0	N/A	50-150	30	N/A	50-150	30
108-95-2	Phenol	Optional	ug/L	0.30	1.0	1.0	100	5-120	40	100	5-120	64
110-86-1	Pyridine	Optional	ug/L	0.51	2.0	5.0	50	1-130	40	50	1-130	40
120-82-1	1,2,4-Trichlorobenzene	Optional	ug/L	0.25	0.50	5.0	50	44-142	40	50	44-142	50
95-95-4	2,4,5-Trichlorophenol	Optional	ug/L	0.28	2.0	5.0	100	45-130	40	100	1-130	40
88-06-2	2,4,6-Trichlorophenol	Optional	ug/L	0.40	2.0	2.0	100	37-144	40	100	37-144	58
95-94-3	1,2,4,5-Tetrachlorobenzene	Optional	ug/L	0.37	0.50		50	60-140	35	51	1-150	35
2245-38-7	2,3,5-Trimethylnaphthalene	Optional	ug/L	0.020	0.050		N/A	50-150	30	N/A	50-150	30
TOTALPAHS	Total PAHs (sum)	Optional	ug/L	0.050	0.050		N/A	N/A	N/A	N/A	N/A	N/A
321-60-8	2-Fluorobiphenyl	Surrogate	ug/L	N/A	N/A		50	15-130	N/A	50	1-130	N/A
367-12-4	2-Fluorophenol	Surrogate	ug/L	N/A	N/A		100	10-130	N/A	100	1-130	N/A
4165-60-0	Nitrobenzene-d5	Surrogate	ug/L	N/A	N/A		50	10-130	N/A	50	1-130	N/A
13127-88-3	Phenol-d6	Surrogate	ug/L	N/A	N/A		100	10-130	N/A	100	1-130	N/A
1718-51-0	Terphenyl-d14	Surrogate	ug/L	N/A	N/A		50	15-170	N/A	50	1-200	N/A
118-79-6	2,4,6-Tribromophenol	Surrogate	ug/L	N/A	N/A		100	23-170	N/A	100	1-200	N/A