

Analysis Code Default

ENVIRONMENTAL ANALYSES

 Analysis Code: **625PAH.ML**

 Matrix: **ML**

 Method: **EPA 625.1 Semi-Volatile Organics**

CAS#	Compound Name	Reporting	Units	MDL	PQL	RDL	LCS Spike Conc.	LCS Recovery (%)	LCS RPD (%)	MS Spike Conc.	MS Recovery (%)	MS RPD (%)
83-32-9	Acenaphthene	Included	ug/L	0.02	0.05	0.3	50	47-145	40	48.1	47-145	48
208-96-8	Acenaphthylene	Included	ug/L	0.02	0.05	0.2	50	33-145	40	48.1	33-145	74
120-12-7	Anthracene	Included	ug/L	0.03	0.05	0.3	50	27-133	40	48.1	27-133	66
92-87-5	Benzidine	Included	ug/L	4	5	5	50	1-130	40	48.1	1-130	40
56-55-3	Benzo(a)anthracene	Included	ug/L	0.02	0.05	0.3	50	33-143	40	48.1	33-143	53
50-32-8	Benzo(a)pyrene	Included	ug/L	0.04	0.05	0.3	50	17-163	40	48.1	17-163	72
205-99-2	Benzo(b)fluoranthene	Included	ug/L	0.02	0.05	0.3	50	24-159	40	48.1	24-159	71
191-24-2	Benzo(g,h,i)perylene	Included	ug/L	0.05	0.05	0.1	50	1-219	40	48.1	1-219	97
207-08-9	Benzo(k)fluoranthene	Included	ug/L	0.02	0.05	0.3	50	11-162	40	48.1	11-162	63
85-68-7	Benzyl butyl phthalate	Included	ug/L	2	2	5	50	1-152	40	48.1	1-152	60
101-55-3	4-Bromophenyl phenyl ether	Included	ug/L	2	2	5	50	53-127	40	48.1	53-127	43
111-91-1	bis(2-Chloroethoxy) methane	Included	ug/L	0.5	1	5	50	33-184	40	48.1	33-184	54
111-44-4	bis(2-Chloroethyl) ether	Included	ug/L	0.9	1	1	50	12-158	40	48.1	12-158	108
108-60-1	bis(2-Chloroisopropyl) ether	Included	ug/L	0.9	1	2	50	36-166	40	48.1	36-166	76
59-50-7	4-Chloro-3-methylphenol	Included	ug/L	0.5	1	1	100	22-147	40	96.2	22-147	73
91-58-7	2-Chloronaphthalene	Included	ug/L	1	1	5	50	60-120	40	48.1	60-120	24
95-57-8	2-Chlorophenol	Included	ug/L	0.9	2	2	100	23-134	40	96.2	23-134	61
7005-72-3	4-Chlorophenyl phenyl ether	Included	ug/L	1.5	2	5	50	25-158	40	48.1	25-158	61
218-01-9	Chrysene	Included	ug/L	0.02	0.05	0.3	50	17-168	40	48.1	17-168	87
53-70-3	Dibenzo(a,h)anthracene	Included	ug/L	0.02	0.05	0.1	50	1-227	40	48.1	1-227	126
91-94-1	3,3'-Dichlorobenzidine	Included	ug/L	5	5	5	50	1-262	40	48.1	1-262	108
120-83-2	2,4-Dichlorophenol	Included	ug/L	0.9	1	1	100	39-135	40	96.2	39-135	50
84-66-2	Diethylphthalate	Included	ug/L	0.5	1	2	50	1-120	40	48.1	1-120	100
105-67-9	2,4-Dimethylphenol	Included	ug/L	0.4	1	2	100	32-120	40	96.2	32-120	58

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131-11-3	Dimethylphthalate	Included	ug/L	0.5	1	2	50	1-120	40	48.1	1-120	183
84-74-2	Di-n-butylphthalate	Included	ug/L	0.4	1	5	50	1-120	40	48.1	1-120	47
51-28-5	2,4-Dinitrophenol	Included	ug/L	2	2	5	100	1-191	40	96.2	1-191	132
121-14-2	2,4-Dinitrotoluene	Included	ug/L	0.9	1	5	50	39-139	40	48.1	39-139	42
606-20-2	2,6-Dinitrotoluene	Included	ug/L	0.4	1	5	50	50-158	40	48.1	50-158	48
117-84-0	Di-n-octylphthalate	Included	ug/L	0.4	1	5	50	4-146	40	48.1	4-146	69
122-66-7	1,2Diphenylhydrazine/Azobenzen	Included	ug/L	0.5	1	1	50	30-130	40	48.1	1-130	40
117-81-7	bis(2-Ethylhexyl) phthalate	Included	ug/L	0.5	1	3	50	8-158	40	48.1	8-158	82
206-44-0	Fluoranthene	Included	ug/L	0.02	0.05	0.05	50	26-137	40	48.1	26-137	66
86-73-7	Fluorene	Included	ug/L	0.02	0.05	0.1	50	59-121	40	48.1	59-121	38
118-74-1	Hexachlorobenzene	Included	ug/L	1	1	1	50	1-152	40	48.1	1-152	55
87-68-3	Hexachlorobutadiene	Included	ug/L	0.4	1	1	50	24-120	40	48.1	24-120	62
77-47-4	Hexachlorocyclo pentadiene	Included	ug/L	0.9	1	1	50	1-130	40	48.1	1-130	40
67-72-1	Hexachloroethane	Included	ug/L	0.9	1	1	50	40-120	40	48.1	40-120	52
193-39-5	Indeno(1,2,3-cd)pyrene	Included	ug/L	0.02	0.05	0.05	50	1-171	40	48.1	1-171	99
78-59-1	Isophorone	Included	ug/L	0.5	1	1	50	21-196	40	48.1	1-130	93
534-52-1	2-Methyl-4,6-dinitrophenol	Included	ug/L	2	2	5	100	1-181	40	96.2	1-181	203
91-20-3	Naphthalene	Included	ug/L	0.02	0.05	0.2	50	21-133	40	48.1	21-133	65
98-95-3	Nitrobenzene	Included	ug/L	0.5	1	1	50	35-180	40	48.1	35-180	62
88-75-5	2-Nitrophenol	Included	ug/L	1	2	5	100	29-182	40	96.2	29-182	55
100-02-7	4-Nitrophenol	Included	ug/L	1	1	5	100	1-132	40	96.2	1-132	131
62-75-9	N-Nitrosodimethylamine	Included	ug/L	0.7	1	5	50	25-130	40	48.1	1-130	40
621-64-7	N-Nitroso-di-n-propylamine	Included	ug/L	0.5	1	5	50	1-230	40	48.1	1-230	87
86-30-6	N-Nitrosodiphenylamine	Included	ug/L	0.7	1	1	50	30-130	40	48.1	1-155	40



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87-86-5	Pentachlorophenol	Included	ug/L	0.4	1	1	100	14-176	40	96.2	14-176	86
85-01-8	Phenanthrene	Included	ug/L	0.02	0.05	0.05	50	54-120	40	48.1	54-120	39
108-95-2	Phenol	Included	ug/L	0.3	1	1	100	5-120	40	96.2	5-120	64
129-00-0	Pyrene	Included	ug/L	0.02	0.05	0.05	50	52-120	40	48.1	52-120	49
120-82-1	1,2,4-Trichlorobenzene	Included	ug/L	0.9	1	5	50	44-142	40	48.1	44-142	50
88-06-2	2,4,6-Trichlorophenol	Included	ug/L	2	2	5	100	37-144	40	96.2	37-144	58
62-53-3	Aniline	Optional	ug/L	0.5	2	5	50	20-130	40	48.1	1-130	40
65-85-0	Benzoic acid	Optional	ug/L	10	20	20	50	1-130	40	48.1	1-130	40
100-51-6	Benzyl alcohol	Optional	ug/L	2	5	5	50	35-130	40	48.1	1-130	40
86-74-8	Carbazole	Optional	ug/L	0.7	1	5	50	45-140	40	48.1	5-150	40
106-47-8	4-Chloroaniline	Optional	ug/L	1	1	5	50	1-140	40	48.1	1-130	40
CRESOL	Total Cresol	Optional	ug/L	3	5	5	200	30-130	40	192	1-130	40
132-64-9	Dibenzofuran	Optional	ug/L	1.4	2	5	50	45-130	40	48.1	5-130	40
95-50-1	1,2-Dichlorobenzene	Optional	ug/L	1	1	2	50	32-129	40	48.1	32-129	40
541-73-1	1,3-Dichlorobenzene	Optional	ug/L	0.9	1	1	50	1-172	40	48.1	1-172	40
106-46-7	1,4-Dichlorobenzene	Optional	ug/L	0.9	1	1	50	20-124	40	48.1	20-124	40
103-23-1	Diethylhexyladipate	Optional	ug/L	0.7	1	1	50	5-145	40	48.1	10-130	40
123-91-1	1,4-Dioxane	Optional	ug/L	0.9	1	1	50	10-110	50	48.1	10-110	50
91-57-6	2-Methylnaphthalene	Optional	ug/L	0.02	0.05	5	50	30-130	40	48.1	1-130	40
95-48-7	2-Methylphenol (o-Cresol)	Optional	ug/L	0.9	1	5	100	35-130	40	96.2	1-130	40
108-39-4/106-44	3 & 4-Methylphenol(m&p Cresol)	Optional	ug/L	0.8	5	5	100	25-130	40	96.2	1-130	40
88-74-4	2-Nitroaniline	Optional	ug/L	0.9	1	5	50	45-140	40	48.1	1-140	40
99-09-2	3-Nitroaniline	Optional	ug/L	2	2	5	50	10-145	40	48.1	1-155	40
100-01-6	4-Nitroaniline	Optional	ug/L	0.4	1	5	50	20-165	40	48.1	1-185	40

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55-18-5	N-Nitrosodiethylamine	Optional	ug/L	0.9	5	5	50	30-130	40	48.1	1-130	40
10595-95-6	N-Nitrosomethylethylamine	Optional	ug/L	0.5	5	5	50	30-135	40	48.1	1-130	40
110-86-1	Pyridine	Optional	ug/L	0.6	2	5	50	1-130	40	48.1	1-130	40
95-95-4	2,4,5-Trichlorophenol	Optional	ug/L	0.5	2	5	100	45-130	40	96.2	1-130	40
321-60-8	2-Fluorobiphenyl (SS)						50	15-130	N/A	48	1-130	N/A
367-12-4	2-Fluorophenol (SS)						100	10-130	N/A	96	1-130	N/A
4165-60-0	Nitrobenzene-d5 (SS)						50	10-130	N/A	48	1-130	N/A
13127-88-3	Phenol-d6 (SS)						100	10-130	N/A	96	1-130	N/A
1718-51-0	Terphenyl-d14 (SS)						50	15-170	N/A	48	1-200	N/A
118-79-6	2,4,6-Tribromophenol (SS)						100	23-170	N/A	96	1-200	N/A