

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2268

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q2268-04MS	Client Sample ID:	MW-2-20250605MS					DataFile:	BF142735.D		
Benzaldehyde	52.1	0	50.8	ug/L	98				10	137	
Phenol	52.1	0	19.2	ug/L	37				10	130	
bis(2-Chloroethyl)ether	52.1	0	46.6	ug/L	89				29	141	
2-Chlorophenol	52.1	0	40.6	ug/L	78				23	127	
2-Methylphenol	52.1	0	34.5	ug/L	66				60	131	
2,2-oxybis(1-Chloropropane)	52.1	0	46.1	ug/L	88				36	141	
Acetophenone	52.1	0	76.2	ug/L	146				31	164	
3+4-Methylphenols	52.1	0	30.8	ug/L	59				54	136	
N-Nitroso-di-n-propylamine	52.1	0	46.1	ug/L	88				36	147	
Hexachloroethane	52.1	0	110	ug/L	211	*			19	146	
Nitrobenzene	52.1	0	53.6	ug/L	103				62	112	
Isophorone	52.1	0	47.1	ug/L	90				39	146	
2-Nitrophenol	52.1	0	47.9	ug/L	92				30	148	
2,4-Dimethylphenol	52.1	4.20	45.1	ug/L	79				17	143	
bis(2-Chloroethoxy)methane	52.1	0	47.8	ug/L	92				39	143	
2,4-Dichlorophenol	52.1	0	44.7	ug/L	86				22	146	
Naphthalene	52.1	130	160	ug/L	58				17	157	
4-Chloroaniline	52.1	0	15.1	ug/L	29				10	95	
Hexachlorobutadiene	52.1	0	43.5	ug/L	83				52	125	
Caprolactam	52.1	0	10.3	ug/L	20				10	130	
4-Chloro-3-methylphenol	52.1	0	39.0	ug/L	75				17	148	
2-Methylnaphthalene	52.1	46.9	83.6	ug/L	70				38	146	
Hexachlorocyclopentadiene	100	0	88.1	ug/L	88				20	153	
2,4,6-Trichlorophenol	52.1	0	48.7	ug/L	93				78	112	
2,4,5-Trichlorophenol	52.1	0	48.2	ug/L	93				71	111	
1,1-Biphenyl	52.1	0	52.1	ug/L	100				38	154	
2-Chloronaphthalene	52.1	0	51.3	ug/L	98				41	145	
2-Nitroaniline	52.1	0	49.6	ug/L	95				39	151	
Dimethylphthalate	52.1	0	49.2	ug/L	94				42	147	
Acenaphthylene	52.1	0	49.7	ug/L	95				40	141	
2,6-Dinitrotoluene	52.1	0	49.2	ug/L	94				43	148	
3-Nitroaniline	52.1	0	22.2	ug/L	43				10	111	
Acenaphthene	52.1	0	53.5	ug/L	103				37	146	
2,4-Dinitrophenol	100	0	88.8	ug/L	89				14	167	
4-Nitrophenol	100	0	41.2	ug/L	41				10	130	
Dibenzofuran	52.1	0	50.4	ug/L	97				41	145	
2,4-Dinitrotoluene	52.1	0	48.7	ug/L	93				74	137	
Diethylphthalate	52.1	0	49.9	ug/L	96				41	148	
4-Chlorophenyl-phenylether	52.1	0	48.1	ug/L	92				38	149	
Fluorene	52.1	0	49.5	ug/L	95				39	144	
4-Nitroaniline	52.1	0	42.7	ug/L	82				27	138	
4,6-Dinitro-2-methylphenol	52.1	0	46.0	ug/L	88				32	175	
N-Nitrosodiphenylamine	52.1	0	50.8	ug/L	98				40	150	
4-Bromophenyl-phenylether	52.1	0	52.1	ug/L	100				42	151	
Hexachlorobenzene	52.1	0	51.6	ug/L	99				72	115	
Atrazine	52.1	0	55.7	ug/L	107				20	162	

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Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	100	0	110	ug/L	110				52	162	
Phenanthrene	52.1	0	53.1	ug/L	102				40	147	
Anthracene	52.1	0	51.7	ug/L	99				41	146	
Carbazole	52.1	2.60	55.6	ug/L	102				37	154	
Di-n-butylphthalate	52.1	0	63.0	ug/L	121				40	151	
Fluoranthene	52.1	0	57.6	ug/L	111				42	146	
Pyrene	52.1	0	36.0	ug/L	69				41	149	
Butylbenzylphthalate	52.1	0	57.1	ug/L	110				39	155	
3,3-Dichlorobenzidine	52.1	0	26.3	ug/L	50				10	114	
Benzo(a)anthracene	52.1	0	50.7	ug/L	97				41	147	
Chrysene	52.1	0	51.0	ug/L	98				44	144	
bis(2-Ethylhexyl)phthalate	52.1	0	55.5	ug/L	107				33	160	
Di-n-octyl phthalate	52.1	0	51.4	ug/L	99				36	158	
Benzo(b)fluoranthene	52.1	0	55.1	ug/L	106				40	150	
Benzo(k)fluoranthene	52.1	0	47.1	ug/L	90				40	147	
Benzo(a)pyrene	52.1	0	51.5	ug/L	99				42	147	
Indeno(1,2,3-cd)pyrene	52.1	0	47.1	ug/L	90				30	166	
Dibenz(a,h)anthracene	52.1	0	47.3	ug/L	91				23	172	
Benzo(g,h,i)perylene	52.1	0	45.7	ug/L	88				27	167	
1,2,4,5-Tetrachlorobenzene	52.1	0	51.9	ug/L	100				89	102	
1,4-Dioxane	52.1	0	24.8	ug/L	48				38	130	
2,3,4,6-Tetrachlorophenol	52.1	0	46.2	ug/L	89	*			91	111	