

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1993

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:	Q1993-02MS	Client Sample ID:	MW-3-20250508MS					DataFile:	BF142388.D		
Benzaldehyde	50	0	33.4	ug/L	67				10	137	
Phenol	50	0	17.3	ug/L	35				10	130	
bis(2-Chloroethyl)ether	50	0	34.1	ug/L	68				29	141	
2-Chlorophenol	50	0	37.9	ug/L	76				23	127	
2-Methylphenol	50	0	31.6	ug/L	63				60	131	
2,2-oxybis(1-Chloropropane)	50	0	38.8	ug/L	78				36	141	
Acetophenone	50	0	42.8	ug/L	86				31	164	
3+4-Methylphenols	50	0	28.4	ug/L	57				54	136	
N-Nitroso-di-n-propylamine	50	0	42.7	ug/L	85				36	147	
Hexachloroethane	50	0	33.9	ug/L	68				19	146	
Nitrobenzene	50	0	46.1	ug/L	92				62	112	
Isophorone	50	0	43.9	ug/L	88				39	146	
2-Nitrophenol	50	0	51.3	ug/L	103				30	148	
2,4-Dimethylphenol	50	0	40.9	ug/L	82				17	143	
bis(2-Chloroethoxy)methane	50	0	42.7	ug/L	85				39	143	
2,4-Dichlorophenol	50	0	44.9	ug/L	90				22	146	
Naphthalene	50	0	40.6	ug/L	81				17	157	
4-Chloroaniline	50	0	18.8	ug/L	38				10	95	
Hexachlorobutadiene	50	0	38.9	ug/L	78				52	125	
Caprolactam	50	0	8.70	ug/L	17				10	130	
4-Chloro-3-methylphenol	50	0	40.9	ug/L	82				17	148	
2-Methylnaphthalene	50	0	42.6	ug/L	85				38	146	
Hexachlorocyclopentadiene	100	0	84.3	ug/L	84				20	153	
2,4,6-Trichlorophenol	50	0	51.2	ug/L	102				78	112	
2,4,5-Trichlorophenol	50	0	46.6	ug/L	93				71	111	
1,1-Biphenyl	50	0	43.7	ug/L	87				38	154	
2-Chloronaphthalene	50	0	43.5	ug/L	87				41	145	
2-Nitroaniline	50	0	50.5	ug/L	101				39	151	
Dimethylphthalate	50	0	46.3	ug/L	93				42	147	
Acenaphthylene	50	0	43.4	ug/L	87				40	141	
2,6-Dinitrotoluene	50	0	54.9	ug/L	110				43	148	
3-Nitroaniline	50	0	25.9	ug/L	52				10	111	
Acenaphthene	50	0	48.1	ug/L	96				37	146	
2,4-Dinitrophenol	100	0	110	ug/L	110				14	167	
4-Nitrophenol	100	0	36.2	ug/L	36				10	130	
Dibenzofuran	50	0	43.1	ug/L	86				41	145	
2,4-Dinitrotoluene	50	0	55.9	ug/L	112				74	137	
Diethylphthalate	50	41.1	69.8	ug/L	57				41	148	
4-Chlorophenyl-phenylether	50	0	44.5	ug/L	89				38	149	
Fluorene	50	0	42.5	ug/L	85				39	144	
4-Nitroaniline	50	0	48.8	ug/L	98				27	138	
4,6-Dinitro-2-methylphenol	50	0	58.2	ug/L	116				32	175	
N-Nitrosodiphenylamine	50	0	48.0	ug/L	96				40	150	
4-Bromophenyl-phenylether	50	0	49.9	ug/L	100				42	151	
Hexachlorobenzene	50	0	49.7	ug/L	99				72	115	
Atrazine	50	0	45.2	ug/L	90				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	50	0	44.7	ug/L	89				40	147	
Anthracene	50	0	43.9	ug/L	88				41	146	
Carbazole	50	0	40.4	ug/L	81				37	154	
Di-n-butylphthalate	50	0	50.4	ug/L	101				40	151	
Fluoranthene	50	0	39.8	ug/L	80				42	146	
Pyrene	50	0	39.4	ug/L	79				41	149	
Butylbenzylphthalate	50	0	54.6	ug/L	109				39	155	
3,3-Dichlorobenzidine	50	0	41.2	ug/L	82				10	114	
Benzo(a)anthracene	50	0	46.2	ug/L	92				41	147	
Chrysene	50	0	45.6	ug/L	91				44	144	
bis(2-Ethylhexyl)phthalate	50	8.70	56.7	ug/L	96				33	160	
Di-n-octyl phthalate	50	0	55.5	ug/L	111				36	158	
Benzo(b)fluoranthene	50	0	46.4	ug/L	93				40	150	
Benzo(k)fluoranthene	50	0	46.4	ug/L	93				40	147	
Benzo(a)pyrene	50	0	48.8	ug/L	98				42	147	
Indeno(1,2,3-cd)pyrene	50	0	40.3	ug/L	81				30	166	
Dibenz(a,h)anthracene	50	0	39.9	ug/L	80				23	172	
Benzo(g,h,i)perylene	50	0	37.7	ug/L	75				27	167	
1,2,4,5-Tetrachlorobenzene	50	0	43.5	ug/L	87	*			89	102	
1,4-Dioxane	50	0	17.3	ug/L	35	*			38	130	
2,3,4,6-Tetrachlorophenol	50	0	48.6	ug/L	97				91	111	