Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2600 **Analytical Method:** SW8270E

Client: T&A Construction Inc **DataFile:** BP025192.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2597-01MSD		**Client Sample ID: CHRT-26899MSD**									
Benzaldehyde	1000	0	870	ug/Kg	87	1			10	171	20
Phenol	1000	0	870	ug/Kg	87	1			51	122	20
bis(2-Chloroethyl)ether	1000	0	840	ug/Kg	84	0			54	125	20
2-Chlorophenol	1000	0	930	ug/Kg	93	2			51	121	20
2-Methylphenol	1000	0	930	ug/Kg	93	0			47	125	20
2,2-oxybis(1-Chloropropane)	1000	0	800	ug/Kg	80	0			46	119	20
Acetophenone	1000	0	800	ug/Kg	80	0			55	128	20
3+4-Methylphenols	1000	0	900	ug/Kg	90	0			49	125	20
N-Nitroso-di-n-propylamine	1000	0	790	ug/Kg	79	0			59	119	20
Hexachloroethane	1000	0	920	ug/Kg	92	0			51	116	20
Nitrobenzene	1000	0	860	ug/Kg	86	2			47	124	20
Isophorone	1000	0	890	ug/Kg	89	1			49	127	20
2-Nitrophenol	1000	0	1000	ug/Kg	100	0			43	131	20
2,4-Dimethylphenol	1000	0	1200	ug/Kg	120	0			63	151	20
bis(2-Chloroethoxy)methane	1000	0	840	ug/Kg	84	1			51	119	20
2,4-Dichlorophenol	1000	0	960	ug/Kg	96	1			50	122	20
Naphthalene	1000	0	840	ug/Kg	84	0			51	121	20
4-Chloroaniline	1000	0	460	ug/Kg	46	4			10	100	20
Hexachlorobutadiene	1000	0	980	ug/Kg	98	0			44	126	20
Caprolactam	1000	0	850	ug/Kg	85	1			51	134	20
4-Chloro-3-methylphenol	1000	0	880	ug/Kg	88	0			57	132	20
2-Methylnaphthalene	1000	0	760	ug/Kg	76	1			59	123	20
Hexachlorocyclopentadiene	2000	0	2300	ug/Kg	115	8			10	175	20
2,4,6-Trichlorophenol	1000	0	1100	ug/Kg	110	0			33	141	20
2,4,5-Trichlorophenol	1000	0	1000	ug/Kg	100	0			38	135	20
1,1-Biphenyl	1000	0	860	ug/Kg	86	2			55	131	20
2-Chloronaphthalene	1000	0	900	ug/Kg	90	1			48	124	20
2-Nitroaniline	1000	0	940	ug/Kg	94	0			47	134	20
Dimethylphthalate	1000	0	830	ug/Kg	83	2			54	120	20
Acenaphthylene	1000	0	940	ug/Kg	94	1			57	125	20
2,6-Dinitrotoluene	1000	0	1000	ug/Kg	100	0			48	127	20
3-Nitroaniline	1000	0	800	ug/Kg	80	1			10	112	20
Acenaphthene	1000	0	820	ug/Kg	82	4			70	121	20
2,4-Dinitrophenol	2000	0	1100	ug/Kg	55	0			10	155	20
4-Nitrophenol	2000	0	1800	ug/Kg	90	0			10	175	20
Dibenzofuran	1000	0	790	ug/Kg	79	3			52	114	20
2,4-Dinitrotoluene	1000	0	900	ug/Kg	90	0			41	140	20
Diethylphthalate	1000	0	800	ug/Kg	80	1			51	119	20
4-Chlorophenyl-phenylether	1000	0	810	ug/Kg	81	1			48	122	20
Fluorene	1000	0	790	ug/Kg	79	0			53	118	20
4-Nitroaniline	1000	0	820	ug/Kg	82	1			29	140	20
4,6-Dinitro-2-methylphenol	1000	0	670	ug/Kg	67	3			10	160	20
N-Nitrosodiphenylamine	1000	0	950	ug/Kg	95	2			73	118	20
4-Bromophenyl-phenylether	1000	0	1100	ug/Kg	110	0			65	121	20
Hexachlorobenzene	1000	0	1000	ug/Kg	100	0			67	118	20
Atrazine	1000	0	1200	ug/Kg	120	0			45	175	20

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Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	2000	0	2000	ug/Kg	100	0			13	153	20
Phenanthrene	1000	0	850	ug/Kg	85	3			52	128	20
Anthracene	1000	0	910	ug/Kg	91	1			62	124	20
Carbazole	1000	0	860	ug/Kg	86	1			59	119	20
Di-n-butylphthalate	1000	0	890	ug/Kg	89	3			55	125	20
Fluoranthene	1000	100	890	ug/Kg	79	3			44	125	20
Pyrene	1000	110	860	ug/Kg	75	1			37	122	20
Butylbenzylphthalate	1000	0	920	ug/Kg	92	1			44	135	20
3,3-Dichlorobenzidine	1000	0	600	ug/Kg	60	7			15	112	20
Benzo(a)anthracene	1000	62.5	930	ug/Kg	87	0			53	119	20
Chrysene	1000	92.0	930	ug/Kg	84	0			57	121	20
bis(2-Ethylhexyl)phthalate	1000	120	1100	ug/Kg	98	0			42	169	20
Di-n-octyl phthalate	1000	0	1000	ug/Kg	100	0			51	156	20
Benzo(b)fluoranthene	1000	140	960	ug/Kg	82	4			52	117	20
Benzo(k)fluoranthene	1000	46.9	850	ug/Kg	80	5			57	134	20
Benzo(a)pyrene	1000	63.6	1000	ug/Kg	94	0			70	142	20
Indeno(1,2,3-cd)pyrene	1000	62.9	1000	ug/Kg	94	0			40	129	20
Dibenz(a,h)anthracene	1000	0	970	ug/Kg	97	1			43	123	20
Benzo(g,h,i)perylene	1000	76.3	980	ug/Kg	90	1			24	125	20
1,2,4,5-Tetrachlorobenzene	1000	0	940	ug/Kg	94	1			52	134	20
1,4-Dioxane	1000	0	670	ug/Kg	67	1			46	112	20
2,3,4,6-Tetrachlorophenol	1000	0	940	ug/Kg	94	1			24	146	20