

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3483

Analytical Method: SW8270E

Client: Alliance Technical Group, LLC - Newark

DataFile: BG064806.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3658-01MSD		Client Sample ID: NB-07-111725MSD									
n-Nitrosodimethylamine	1100	0	890	ug/Kg	81		3		66	124	20
Pyridine	1100	0	770	ug/Kg	70		9		45	119	20
Benzaldehyde	1100	0	640	ug/Kg	58		0		20	111	20
Aniline	1100	0	400	ug/Kg	36		8		10	88	20
Phenol	1100	0	1000	ug/Kg	91		0		51	122	20
bis(2-Chloroethyl)ether	1100	0	960	ug/Kg	87		1		67	110	20
2-Chlorophenol	1100	0	1000	ug/Kg	91		9		67	119	20
1,2-Dichlorobenzene	1100	0	1000	ug/Kg	91		0		61	105	20
1,3-Dichlorobenzene	1100	0	990	ug/Kg	90		1		62	101	20
1,4-Dichlorobenzene	1100	0	1000	ug/Kg	91		0		63	104	20
Benzyl Alcohol	1100	0	1000	ug/Kg	91		0		47	126	20
2-Methylphenol	1100	0	1000	ug/Kg	91		9		68	116	20
2,2-oxybis(1-Chloropropane)	1100	0	920	ug/Kg	84		2		59	113	20
Acetophenone	1100	0	960	ug/Kg	87		0		55	128	20
3+4-Methylphenols	1100	0	1000	ug/Kg	91		0		70	111	20
N-Nitroso-di-n-propylamine	1100	0	970	ug/Kg	88		1		59	119	20
Hexachloroethane	1100	0	990	ug/Kg	90		2		65	115	20
Nitrobenzene	1100	0	980	ug/Kg	89		2		66	120	20
Isophorone	1100	0	930	ug/Kg	85		0		67	113	20
2-Nitrophenol	1100	0	1100	ug/Kg	100		0		69	135	16
2,4-Dimethylphenol	1100	0	990	ug/Kg	90		1		63	151	20
bis(2-Chloroethoxy)methane	1100	0	980	ug/Kg	89		1		70	112	20
2,4-Dichlorophenol	1100	0	1100	ug/Kg	100		0		70	121	20
1,2,4-Trichlorobenzene	1100	0	1000	ug/Kg	91		9		57	103	20
Benzoic acid	1100	0	1100	ug/Kg	100		0		50	104	20
Naphthalene	1100	0	970	ug/Kg	88		0		66	113	20
4-Chloroaniline	1100	0	260	ug/Kg	24		18		10	100	25
Hexachlorobutadiene	1100	0	960	ug/Kg	87		1		67	118	16
Caprolactam	1100	0	1000	ug/Kg	91		1		51	134	25
4-Chloro-3-methylphenol	1100	0	1100	ug/Kg	100		9		71	118	20
2-Methylnaphthalene	1100	0	890	ug/Kg	81		0		59	123	20
Hexachlorocyclopentadiene	2200	0	930	ug/Kg	42		17		16	175	20
2,4,6-Trichlorophenol	1100	0	1000	ug/Kg	91		9		67	128	16
2,4,5-Trichlorophenol	1100	0	1100	ug/Kg	100		0		69	123	16
1,1-Biphenyl	1100	0	980	ug/Kg	89		2		69	126	20
2-Chloronaphthalene	1100	0	980	ug/Kg	89		2		71	113	20
2-Nitroaniline	1100	0	1000	ug/Kg	91		0		73	125	16
Dimethylphthalate	1100	0	930	ug/Kg	85		0		72	116	20
Acenaphthylene	1100	0	990	ug/Kg	90		1		69	128	15
2,6-Dinitrotoluene	1100	0	1100	ug/Kg	100		9		67	141	20
3-Nitroaniline	1100	0	630	ug/Kg	57		2		28	102	20
Acenaphthene	1100	0	1000	ug/Kg	91		9		70	121	16
2,4-Dinitrophenol	2200	0	1400	ug/Kg	64		13		10	164	30
4-Nitrophenol	2200	0	2100	ug/Kg	95		0		49	133	20
Dibenzofuran	1100	0	990	ug/Kg	90		0		71	111	20
2,4-Dinitrotoluene	1100	0	1000	ug/Kg	91		0		73	130	20

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Diethylphthalate	1100	0	950	ug/Kg	86	0			73	116	20
4-Chlorophenyl-phenylether	1100	0	950	ug/Kg	86	1			72	112	20
Fluorene	1100	0	960	ug/Kg	87	1			67	114	20
4-Nitroaniline	1100	0	880	ug/Kg	80	0			61	128	20
4,6-Dinitro-2-methylphenol	1100	0	890	ug/Kg	81	12			25	163	30
N-Nitrosodiphenylamine	1100	0	1100	ug/Kg	100	0			73	118	20
Azobenzene	1100	0	1100	ug/Kg	100	0			73	110	20
4-Bromophenyl-phenylether	1100	0	1100	ug/Kg	100	0			65	121	20
Hexachlorobenzene	1100	0	1100	ug/Kg	100	9			67	118	20
Atrazine	1100	0	1000	ug/Kg	91	0			79	127	20
Pentachlorophenol	2200	0	2200	ug/Kg	100	5			39	145	20
Phenanthrene	1100	0	1000	ug/Kg	91	0			52	128	20
Anthracene	1100	0	1000	ug/Kg	91	1			62	124	20
Carbazole	1100	0	980	ug/Kg	89	3			73	115	20
Di-n-butylphthalate	1100	0	1000	ug/Kg	91	0			72	129	20
Fluoranthene	1100	76.6	890	ug/Kg	74	3			31	152	20
Benzidine	2200	0	570	ug/Kg	26	12			10	119	20
Pyrene	1100	85.3	1200	ug/Kg	101	0			37	122	27
Butylbenzylphthalate	1100	0	1100	ug/Kg	100	0			59	151	20
3,3-Dichlorobenzidine	1100	0	560	ug/Kg	51	17			10	116	20
Benzo(a)anthracene	1100	0	1000	ug/Kg	91	0			53	119	20
Chrysene	1100	54.7	1000	ug/Kg	86	0			57	121	20
bis(2-Ethylhexyl)phthalate	1100	0	1100	ug/Kg	100	0			64	139	20
Di-n-octyl phthalate	1100	0	1100	ug/Kg	100	9			51	156	20
Benzo(b)fluoranthene	1100	80.8	1000	ug/Kg	84	0			52	117	20
Benzo(k)fluoranthene	1100	0	1000	ug/Kg	91	1			57	134	20
Benzo(a)pyrene	1100	48.7	1000	ug/Kg	86	0			70	142	20
Indeno(1,2,3-cd)pyrene	1100	45.9	1200	ug/Kg	105	9			48	129	20
Dibenz(a,h)anthracene	1100	0	1100	ug/Kg	100	0			43	123	20
Benzo(g,h,i)perylene	1100	61.0	1200	ug/Kg	104	0			40	133	20
1,2,4,5-Tetrachlorobenzene	1100	0	1000	ug/Kg	91	0			65	132	20
1,4-Dioxane	1100	0	780	ug/Kg	71	6			46	112	20
2,3,4,6-Tetrachlorophenol	1100	0	1100	ug/Kg	100	0			56	141	20
1-Methylnaphthalene	1100	0	940	ug/Kg	85	0			70	130	20