

Area 1 Statistical Summary Tables

	Units	Sample Count	Qty	%	Qty	%
			Detected		Trace	
Metals:						
ALUMINUM	MG/KG	78	78	100	0	0
ANTIMONY	MG/KG	4	4	100	4	100
ARSENIC	MG/KG	78	78	100	0	0
BARIUM	MG/KG	78	78	100	0	0
BERYLLIUM	MG/KG	78	78	100	0	0
BORON	MG/KG	78	40	51	25	62
CADMIUM	MG/KG	78	78	100	0	0
CALCIUM	MG/KG	78	78	100	0	0
CHROMIUM, TOTAL	MG/KG	78	78	100	0	0
COBALT	MG/KG	78	78	100	0	0
COPPER	MG/KG	78	78	100	0	0
IRON	MG/KG	78	78	100	0	0
LEAD	MG/KG	78	78	100	0	0
MAGNESIUM	MG/KG	78	78	100	0	0
MANGANESE	MG/KG	78	78	100	0	0
MERCURY	MG/KG	78	54	69	37	69
MOLYBDENUM	MG/KG	78	46	59	32	70
NICKEL	MG/KG	78	78	100	0	0
POTASSIUM	MG/KG	78	78	100	0	0
SELENIUM	MG/KG	78	39	50	37	95
SILVER	MG/KG	78	65	83	59	91
SODIUM	MG/KG	78	78	100	0	0
THALLIUM	MG/KG	78	75	96	72	96
VANADIUM	MG/KG	78	78	100	0	0
ZINC	MG/KG	78	78	100	0	0
TPH:						
DIESEL COMPONENTS	MG/KG	78	19	24	2	11
GASOLINE C4-C12	MG/KG	78				
MOTOR OILS	MG/KG	78	42	54	38	90
VOC:						
1,1,1,2-TETRACHLOROETHANE	MG/KG	78				
1,1,1-TRICHLOROETHANE	MG/KG	78				
1,1,2,2-TETRACHLOROETHANE	MG/KG	78				
1,1,2-TRICHLOROETHANE	MG/KG	78				
1,1-DICHLOROETHANE	MG/KG	78				
1,1-DICHLOROETHENE	MG/KG	78				
1,1-DICHLOROPROPENE	MG/KG	78	1	1	1	100
1,2,3-TRICHLOROBENZENE	MG/KG	78				
1,2,3-TRICHLOROPROPANE	MG/KG	78				
1,2,4-TRICHLOROBENZENE	MG/KG	78				
1,2,4-TRIMETHYLBENZENE	MG/KG	78	5	6	5	100
1,2-DIBROMO-3-CHLOROPROPANE	MG/KG	78				
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	MG/KG	78				
1,2-DICHLOROBENZENE	MG/KG	78				
1,2-DICHLOROETHANE	MG/KG	78				
1,2-DICHLOROPROPANE	MG/KG	78				
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	MG/KG	78				
1,3-DICHLOROBENZENE	MG/KG	78				

1,3-DICHLOROPROPANE	MG/KG	78				
1,4-DICHLOROENZENE	MG/KG	78				
2,2-DICHLOROPROPANE	MG/KG	78				
2-CHLOROTOLUENE	MG/KG	78				
4-CHLOROTOLUENE	MG/KG	78				
BENZENE	MG/KG	78	5	6	4	80
BROMOBENZENE	MG/KG	78				
BROMOCHLOROMETHANE	MG/KG	78				
BROMODICHLOROMETHANE	MG/KG	78				
BROMOFORM	MG/KG	78				
BROMOMETHANE	MG/KG	78				
CARBON TETRACHLORIDE	MG/KG	78				
CHLOROENZENE	MG/KG	78				
CHLOROETHANE	MG/KG	78				
CHLOROFORM	MG/KG	78				
CHLOROMETHANE	MG/KG	78				
CIS-1,2-DICHLOROETHYLENE	MG/KG	78				
DIBROMOCHLOROMETHANE	MG/KG	78				
DIBROMOMETHANE	MG/KG	78				
DICHLORODIFLUOROMETHANE	MG/KG	78				
ETHYLBENZENE	MG/KG	78	1	1	1	100
HEXACHLOROBUTADIENE	MG/KG	78				
ISOPROPYLBENZENE (CUMENE)	MG/KG	78				
METHYLENE CHLORIDE	MG/KG	78	10	13	10	100
NAPHTHALENE	MG/KG	78	10	13	10	100
N-BUTYLBENZENE	MG/KG	78	1	1	1	100
N-PROPYLBENZENE	MG/KG	78	3	4	3	100
P-CYMENE (P-ISOPROPYLTOLUENE)	MG/KG	78	1	1	1	100
SEC-BUTYLBENZENE	MG/KG	78				
STYRENE	MG/KG	78	17	22	17	100
T-BUTYLBENZENE	MG/KG	78	1	1	1	100
TETRACHLOROETHYLENE(PCE)	MG/KG	78	11	14	10	91
TOLUENE	MG/KG	78	8	10	8	100
TRANS-1,2-DICHLOROETHENE	MG/KG	78				
TRICHLOROETHYLENE (TCE)	MG/KG	78				
TRICHLOROFLUOROMETHANE	MG/KG	78	2	3	2	100
VINYL CHLORIDE	MG/KG	78				
XYLENES, TOTAL	MG/KG	78	1	1	1	100

SVOC:

1,2,4-TRICHLOROENZENE	MG/KG	78				
1,2-DICHLOROENZENE	MG/KG	78				
1,3-DICHLOROENZENE	MG/KG	78				
1,4-DICHLOROENZENE	MG/KG	78				
2,4,5-TRICHLOROPHENOL	MG/KG	78				
2,4,6-TRICHLOROPHENOL	MG/KG	78				
2,4-DICHLOROPHENOL	MG/KG	78				
2,4-DIMETHYLPHENOL	MG/KG	73				
2,4-DINITROPHENOL	MG/KG	78				
2,4-DINITROTOLUENE	MG/KG	78				
2,6-DINITROTOLUENE	MG/KG	78				
2-CHLORONAPHTHALENE	MG/KG	78				
2-CHLOROPHENOL	MG/KG	78				

2-METHYLNAPHTHALENE	MG/KG	78				
2-METHYLPHENOL (O-CRESOL)	MG/KG	78				
2-NITROANILINE	MG/KG	78				
2-NITROPHENOL	MG/KG	78				
3,3'-DICHLOROBENZIDINE	MG/KG	78				
3-NITROANILINE	MG/KG	78				
4,6-DINITRO-2-METHYLPHENOL	MG/KG	78				
4-BROMOPHENYL PHENYL ETHER	MG/KG	78	1	1	1	100
4-CHLORO-3-METHYLPHENOL	MG/KG	78				
4-CHLOROANILINE	MG/KG	78				
4-CHLOROPHENYL PHENYL ETHER	MG/KG	78				
4-METHYLPHENOL (P-CRESOL)	MG/KG	78				
4-NITROANILINE	MG/KG	78				
4-NITROPHENOL	MG/KG	78				
ACENAPHTHENE	MG/KG	78				
ACENAPHTHYLENE	MG/KG	78				
ANTHRACENE	MG/KG	78				
BENZO(A)ANTHRACENE	MG/KG	78				
BENZO(A)PYRENE	MG/KG	78				
BENZO(B)FLUORANTHENE	MG/KG	78				
BENZO(G,H,I)PERYLENE	MG/KG	78				
BENZO(K)FLUORANTHENE	MG/KG	78				
BENZOIC ACID	MG/KG	77				
BENZYL ALCOHOL	MG/KG	77				
BENZYL BUTYL PHTHALATE	MG/KG	78	3	4	2	67
BIS(2-CHLOROETHOXY) METHANE	MG/KG	78				
BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	MG/KG	78				
BIS(2-CHLOROISOPROPYL) ETHER	MG/KG	78				
BIS(2-ETHYLHEXYL) PHTHALATE	MG/KG	78	4	5	4	100
CARBAZOLE	MG/KG	78				
CHRYSENE	MG/KG	78				
DIBENZ(A,H)ANTHRACENE	MG/KG	78				
DIBENZOFURAN	MG/KG	78				
DIETHYL PHTHALATE	MG/KG	78				
DIMETHYL PHTHALATE	MG/KG	78				
DI-N-BUTYL PHTHALATE	MG/KG	78				
DI-N-OCTYLPHTHALATE	MG/KG	78				
FLUORANTHENE	MG/KG	78				
FLUORENE	MG/KG	78				
HEXACHLOROBENZENE	MG/KG	78				
HEXACHLOROBUTADIENE	MG/KG	75				
HEXACHLOROCYCLOPENTADIENE	MG/KG	71				
HEXACHLOROETHANE	MG/KG	78				
INDENO(1,2,3-C,D)PYRENE	MG/KG	78				
ISOPHORONE	MG/KG	78				
NAPHTHALENE	MG/KG	78	10	13	10	100
NITROBENZENE	MG/KG	78				
N-NITROSODIMETHYLAMINE	MG/KG	42				
N-NITROSODI-N-PROPYLAMINE	MG/KG	78				
N-NITROSODIPHENYLAMINE	MG/KG	78				
PENTACHLOROPHENOL	MG/KG	78				
PHENANTHRENE	MG/KG	78				

PHENOL	MG/KG	78				
PYRENE	MG/KG	78				

Pesticides:

ALDRIN	MG/KG	78	1	1	0	0
ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	MG/KG	78	6	8	4	67
ALPHA ENDOSULFAN	MG/KG	78				
ALPHA-CHLORDANE	MG/KG	78				
BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	MG/KG	78	1	1	0	0
BETA ENDOSULFAN	MG/KG	78				
DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	MG/KG	78	4	5	3	75
DIELDRIN	MG/KG	78				
ENDOSULFAN SULFATE	MG/KG	78				
ENDRIN	MG/KG	78	2	3	1	50
ENDRIN ALDEHYDE	MG/KG	78				
ENDRIN KETONE	MG/KG	78	1	1	1	100
GAMMA BHC (LINDANE)	MG/KG	78	1	1	0	0
GAMMA-CHLORDANE	MG/KG	78				
HEPTACHLOR	MG/KG	78	1	1	1	100
HEPTACHLOR EPOXIDE	MG/KG	78	2	3	2	100
METHOXYCHLOR	MG/KG	78	4	5	4	100
P,P'-DDD	MG/KG	78	2	3	2	100
P,P'-DDE	MG/KG	78	4	5	2	50
P,P'-DDT	MG/KG	78	6	8	3	50
TOXAPHENE	MG/KG	78				

Herbicides:

2,4 DB	MG/KG	78				
2,4,5-T (TRICHLOROPHENOXYACETIC ACID)	MG/KG	78				
2,4-D (DICHLOROPHENOXYACETIC ACID)	MG/KG	78				
DALAPON	MG/KG	78				
DICAMBA	MG/KG	78				
DICHLOROPROP	MG/KG	78				
DINOSEB	MG/KG	56				
MCPA	MG/KG	78				
MCPP	MG/KG	78	1	1	1	100
SILVEX (2,4,5-TP)	MG/KG	78				

PCB:

PCB-1016 (AROCHLOR 1016)	MG/KG	78				
PCB-1221 (AROCHLOR 1221)	MG/KG	78				
PCB-1232 (AROCHLOR 1232)	MG/KG	78				
PCB-1242 (AROCHLOR 1242)	MG/KG	78				
PCB-1248 (AROCHLOR 1248)	MG/KG	78				
PCB-1254 (AROCHLOR 1254)	MG/KG	78				
PCB-1260 (AROCHLOR 1260)	MG/KG	78				
PCB-1268 (AROCHLOR 1268)	MG/KG	78				

Acid/Base:

ACID POTENTIAL	T/KT	78	20	26	0	0
ACID/BASE POTENTIAL	T/KT	78	78	100	0	0
NEUTRALIZATION POTENTIAL	T/KT	78	78	100	0	0

Min	Mean	Max	Std Dev
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3300	6200	11000	1507.13
0.026	0.21075	0.47	0.20227
1.4	3.457692	8.2	1.34411
29	57.83333	130	18.1748
0.16	0.283846	0.61	0.06955
1.9	2.684615	10	1.99177
0.21	0.418077	0.97	0.14269
2800	6842.308	29000	3421.8
2.6	4.75	16	2.13321
2.7	3.951282	9.6	1.06304
36	117.8718	1200	197.343
5100	9921.795	16000	2049.87
2.2	3.934615	30	3.3708
1900	3408.974	6300	733.819
110	191.2821	440	59.5079
0.00026	0.014698	0.35	0.04855
0.04	0.182109	1.3	0.22211
3.6	5.435897	14	1.6806
730	1417.051	2900	474.265
0.16	0.275705	2.1	0.28682
0.032	0.093712	2	0.22054
100	352.3077	1700	310.788
0.029	0.087135	0.4	0.07085
10	15.15385	39	3.97092
11	19.94872	170	18.1308

0.87	264.154	19000	2151.81
	2.259615		0.53374
1.9	48.73654	3000	340.098

	7.31E-05		9.4E-05
	6.72E-05		5.5E-05
	0.000111		0.00012
	0.000155		9.3E-05
	6.04E-05		5.3E-05
	8.25E-05		6E-05
5.5E-05	4.26E-05	5.5E-05	4.3E-05
	0.000126		0.00017
	0.000213		0.00028
	0.000133		0.00016
0.00034	0.00017	0.0024	0.00033
	0.000377		0.00015
	9.58E-05		0.0001
	0.000125		0.00015
	0.0001		8.1E-05
	5.64E-05		4E-05
	0.000085		0.0001
	0.000111		0.00014

	8.71E-05		1E-04
	0.000123		0.00015
	7.13E-05		6.7E-05
	0.000102		0.00015
	9.95E-05		0.00012
7.1E-05	0.000128	0.0044	0.0005
	0.000124		0.00013
	0.00012		3.8E-05
	0.00013		2.9E-05
	0.000152		0.0001
	0.000154		0.00013
	9.18E-05		0.0001
	7.75E-05		8E-05
	0.000233		0.00013
	8.51E-05		4.7E-05
	0.000617		5.1E-05
	6.87E-05		4.5E-05
	8.32E-05		8.6E-05
	0.000123		7.8E-05
	0.000108		0.00013
0.00043	0.000115	0.00043	6.8E-05
	0.000112		0.00011
	6.37E-05		9.2E-05
0.00031	0.000977	0.003	0.00113
5.8E-05	0.000136	0.00014	0.00018
0.00021	0.000109	0.00021	0.00011
0.00012	8.89E-05	0.00029	0.0001
0.00011	9.94E-05	0.00011	0.00011
	8.68E-05		0.00011
0.00005	0.000109	0.00095	0.00014
0.00032	8E-05	0.00032	0.00011
0.00014	0.000185	0.0048	0.00057
0.00012	0.000163	0.00083	0.00017
	6.92E-05		5.8E-05
	6.86E-05		4.2E-05
0.00051	8.87E-05	0.00084	0.00013
	0.00011		0.00015
0.0039	0.00024	0.0039	0.00043

	0.118135		0.73391
	0.200353		1.18544
	0.208577		1.29872
	0.197801		1.29972
	0.056821		0.34413
	0.055744		0.34427
	0.042917		0.24796
	0.085288		0.28719
	0.085712		0.43075
	0.040833		0.21947
	0.06141		0.32174
	0.048179		0.2934
	0.076801		0.46829

	0.039179		0.20863
	0.058519		0.3269
	0.058135		0.34967
	0.086814		0.50208
	0.484731		3.10635
	0.471385		3.10815
	0.049019		0.25353
0.032	0.032353	0.032	0.18022
	0.039333		0.23118
	0.296795		1.86305
	0.055865		0.29348
	0.045288		0.25367
	0.072147		0.38878
	0.092282		0.52427
	0.04154		0.24819
	0.042596		0.24256
	0.044705		0.19365
	0.020371		0.10701
	0.042429		0.19325
	0.113904		0.19609
	0.050935		0.31036
	0.115442		0.25613
	0.490036		3.12707
	0.06839		0.42612
0.061	0.040929	0.41	0.17459
	0.067872		0.36165
	0.142865		0.90354
	0.142897		0.84664
0.036	0.042988	0.097	0.21988
	0.324103		1.51456
	0.027487		0.13525
	0.052679		0.30432
	0.047758		0.25954
	0.05109		0.23766
	0.043404		0.25371
	0.023949		0.12943
	0.034853		0.19153
	0.030468		0.11089
	0.039901		0.2369
	0.036327		0.20271
	0.142553		0.86339
	0.0755		0.45546
	0.202699		1.24196
	0.049276		0.29901
	0.046218		0.27058
5.8E-05	0.02716	0.00014	0.14629
	0.107269		0.62062
	0.008583		0.00022
	0.063077		0.38363
	0.060218		0.32693
	0.112231		0.67729
	0.033756		0.18582

	0.057647		0.32706
	0.040788		0.23675

0.0057	0.000206	0.0057	0.00067
0.0002	0.000387	0.016	0.00186
	0.00038		0.00066
	0.000697		0.0012
0.019	0.000424	0.019	0.00215
	0.000531		0.00093
0.00039	0.000388	0.014	0.0016
	0.00042		0.00071
	0.001622		0.00279
0.0025	0.00074	0.027	0.00303
	0.001635		0.00285
0.02	0.001854	0.02	0.00353
0.014	0.000309	0.014	0.00159
	0.000697		0.0012
0.0043	0.000284	0.0043	0.00062
0.0048	0.000349	0.012	0.00144
0.0031	0.001937	0.058	0.00729
0.002	0.001323	0.0025	0.00225
0.0015	0.000585	0.0062	0.00105
0.0033	0.003992	0.17	0.01961
	0.055615		0.09869

	0.015281		0.00041
	0.003779		9.6E-05
	0.002869		7.3E-05
	0.016303		0.00041
	0.002956		7.3E-05
	0.002449		6.2E-05
	0.007572		0.00048
	0.735321		0.02281
2.4	0.470167	2.4	0.22161
	0.003651		9.2E-05

	0.001228		0.00214
	0.013795		0.02407
	0.013795		0.02407
	0.013795		0.02407
	0.013795		0.02407
	0.013795		0.02407
	0.000906		0.00159
	0.013795		0.02407

1	0.730769	6	0.71028
4	13.38462	38	5.70083
4	14.02564	39	5.72072