

TotalQuant - Comprehensive Report

Sample ID: Clean Fish Tank

Sample Date/Time: Friday, July 09, 2004 14:27:03

Sample Description:

Solution Type: Sample

Blank File: c:\elandata\Dataset\TotalQuant Analysis\Blank.005

Number of Replicates: 1

Peak Processing Mode: Average

Signal Profile Processing Mode: Average

Dual Detector Mode: Dual

Current Dead Time (ns): 35

Acq. Dead Time(ns): 35

Cumulative Autodilution Factor: 1

Sample File:

Method File: C:\elandata\Method\Perkin Elmer Default Method\TotalQuant.mth

Dataset File: c:\elandata\Dataset\TotalQuant Analysis\

Tuning File: c:\elandata\Tuning\EPA.tun

Optimization File: c:\elandata\Optimize\epa.dac

Response File: c:\elandata\System\current.rsp

Analyte Intensities

Analyte	Concentration	Intensity	Intensity units	Response (cps/ppm)
H			Not Measured	
He			Not Measured	
Li	0.12875	57781.00		448786.83
Be	0.00002	4.00		154950.69
B	0.93258	149161.00		159944.04
C	74.26811	7783394.00		104801.28
N	5414.54364	69339.00		12.81
O			Not Measured	
F		7048773.00		0.00
Ne		293123.00		0.00
Na	90.37611	208073129.00		2302302.27
Mg	1021.16655	2232090297.00		2185823.94
Al	0.01413	34487.00		2441388.55
Si	0.04592	190355.00		4145471.09
P	0.00000	0.00		490989.72
S	1499.12420	262670557.00		175216.01
Cl	29705.64463	265340419.00		8932.32
Ar		6864172144.00		0.00
K	S	S		4994729.22
Ca	268.89401	1803259695.00		6706210.00
Sc	0.00017	1096.00		6595549.64
Ti	0.50190	3017495.00		6012139.74
V	0.09805	637953.00		6506304.24
Cr	0.00595	38712.00		6500702.36
Mn	0.00000	0.00		8568421.68

Fe	0.05340	375631.00	7034249.51
Co	0.00139	9607.00	6928821.85
Ni	0.00939	48826.00	5201434.97
Cu	0.00722	38657.00	5355861.72
Zn	0.00218	7595.00	3483307.31
Ga	0.00013	1002.00	7457968.10
Ge	0.00103	6044.00	5871282.86
As	0.05032	45544.00	905085.78
Se	0.00521	6338.00	1215910.00
Br	51.78172	12291584.00	237373.04
Kr		0.00	0.00
Rb	0.02517	321736.00	12784000.34
Sr	3.29489	42770986.00	12981021.86
Y	0.00001	124.00	14761969.12
Zr	0.00001	117.00	15078935.69
Nb	0.00009	1237.00	13258257.35
Mo	0.00623	73929.00	11872454.75
Ru	0.00002	313.00	12714826.64
Rh	0.00014	1704.00	12023458.69
Pd	0.00003	325.00	11304311.83
Ag	0.00004	509.00	13203602.28
Cd	0.00003	379.00	11484634.77
In	0.00000	42.00	18142808.50
Sn	0.00049	8560.00	17324981.55
Sb	0.00166	16293.00	9836879.50
Te	0.00000	0.00	3503286.95
I	0.00966	195547.00	20248082.22
Xe		0.00	0.00
Cs	0.00031	6182.00	19780983.44
Ba	0.01169	217767.00	18620832.65
La	0.00000	81.00	23287433.68
Ce	0.00000	0.00	25500807.91
Pr	0.00000	27.00	23686366.21
Nd	0.00000	0.00	28181764.20
Sm	0.00000	0.00	33833173.95
Eu	0.00000	56.00	33214666.60
Gd	0.00000	0.00	38224527.38
Tb	0.00000	34.00	42582425.94
Dy	0.00000	0.00	37626129.42
Ho	0.00001	454.00	40308892.48
Er	0.00000	0.00	37282561.18
Tm	0.00000	7.00	35402473.16
Yb	0.00000	0.00	31203095.55
Lu	0.00000	4.00	34067082.14
Hf	0.00000	0.00	32051824.19
Ta	0.00000	27.00	27061316.22
W	0.00003	764.00	27034440.61
Re	0.00000	11.00	27223812.92
Os	0.00000	0.00	37510006.62
Ir	0.00000	0.00	18608517.52

Pt	0.00000	0.00	13975832.95
Au	0.00000	29.00	6663643.81
Hg	0.00000	0.00	6014690.41
Tl	0.00000	0.00	21245240.21
Pb	0.00001	236.00	20584678.07
Bi	0.00011	1837.00	16130365.50
Th	0.00000	14.00	11891548.20
U	0.00120	15287.00	12720168.92

TotalQuant Equations

Analyte Equation

Raw Data

Mass	Pulse Counts	Analog Counts	Dual Counts	Detector Mode
6	1073	356	1073	Pulse Only
7	16030	2119	16030	Pulse Only
8	1	227	1	Pulse Only
9	2	227	2	Pulse Only
10	8855	1337	8855	Pulse Only
11	44180	5587	44180	Pulse Only
12	S	251515	2353100	Analog Only
13	28211	4055	28211	Dual
14	S	325762	3018000	Analog Only
15	16263	2622	16263	Dual
19	S	672576	6082881	Analog Only
20	396843	63499	396843	Dual
21	11585	1903	11585	Pulse Only
22	7753	1373	7753	Pulse Only
23	S	7035584	62482190	Analog Only
24	S	S	S	Overrange
25	S	6959040	67833404	Analog Only
26	S	8060160	79910008	Analog Only
27	14280	1884	14280	Dual
28	69498	9899	69498	Dual
29	31127	4713	31127	Dual
30	S	53378	553958	Analog Only
31	4952	950	4952	Pulse Only
32	S	8299136	87820040	Analog Only
33	S	316274	3380012	Analog Only
34	S	318332	3436148	Analog Only
35	S	5538560	60387490	Analog Only
36	S	1436864	15826714	Analog Only
37	S	2212032	24617108	Analog Only
38	S	287280	3230487	Analog Only
39	S	S	S	Overrange
42	S	326121	3701002	Analog Only
43	S	69161	784629	Analog Only
44	S	1132224	12841042	Analog Only