Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012915\
Data File : BM000390.D
Acq On : 29 Jan 2015 17:48
Operator : TP/IZ
Sample : SSTD01058
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 30 14:59:10 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 30 14:42:54 2015
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD01058

Manual Integrations APPROVED
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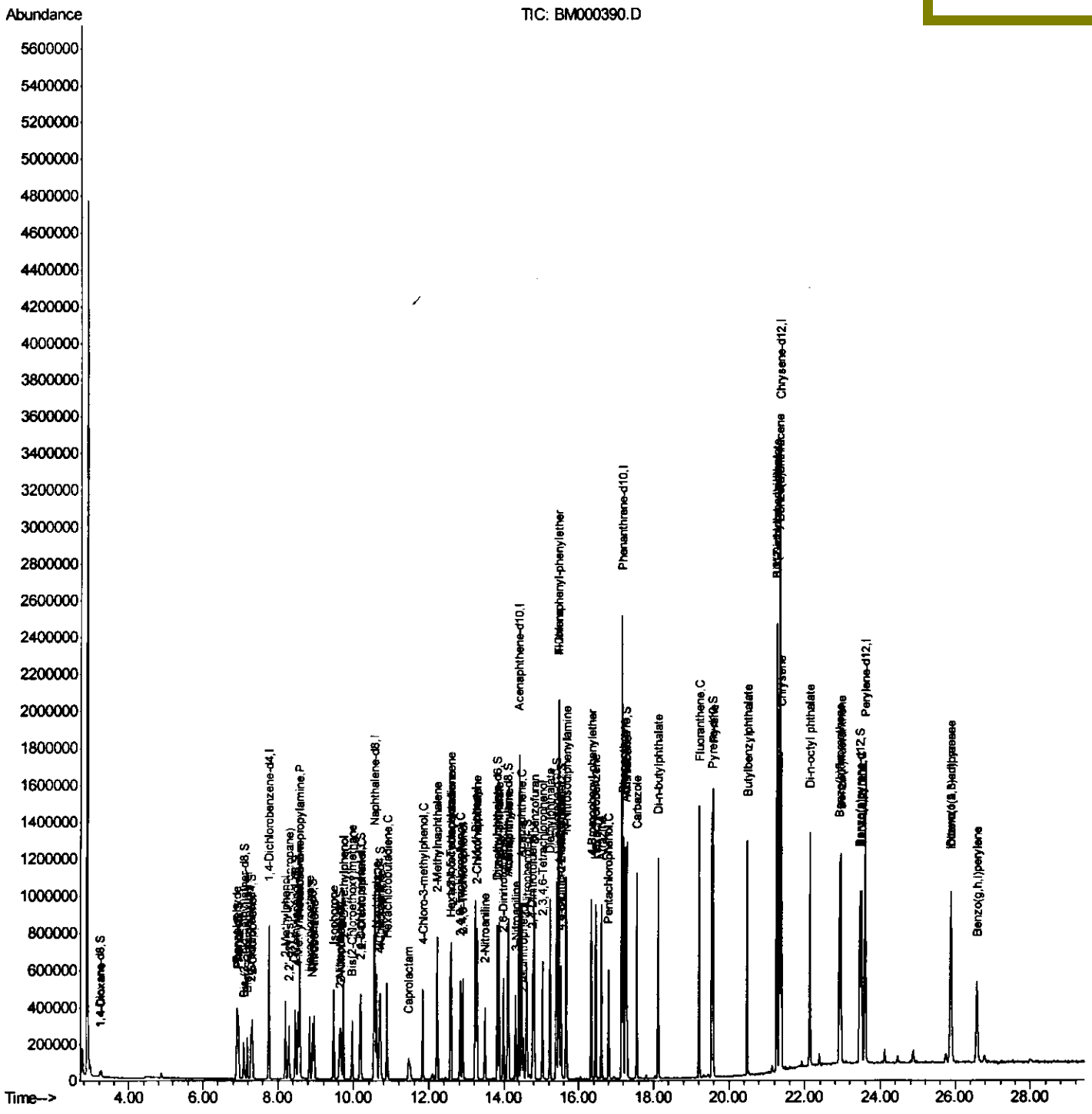
1/30/2015 5:52:53 PM



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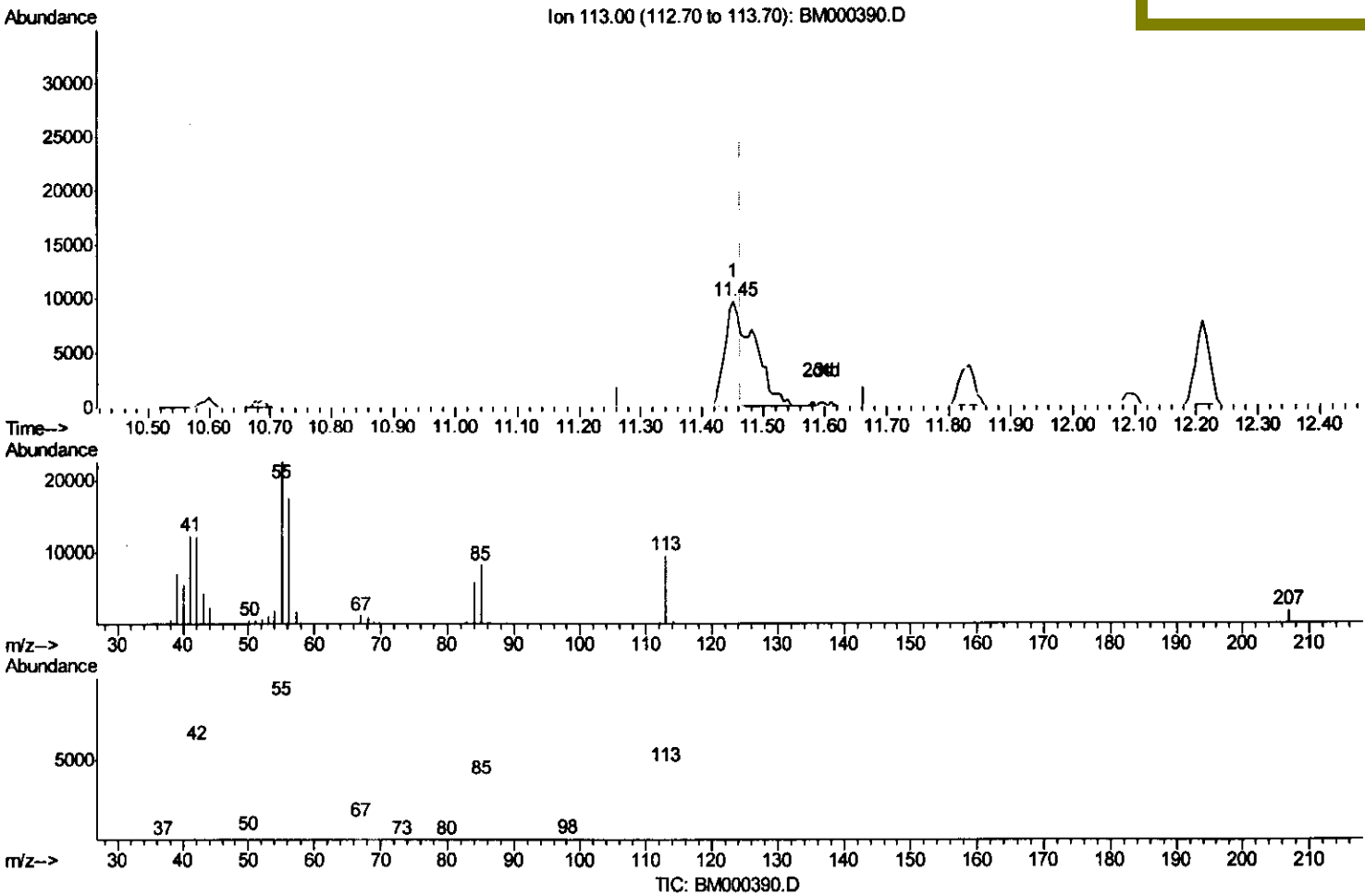

(32) Caprolactam

11.451min (-0.012) 5.35ng/ul

response 18675

Ion	Exp%	Act%
113.00	100	100
55.00	218.60	233.27
56.00	186.50	181.68
0.00	0.00	0.00

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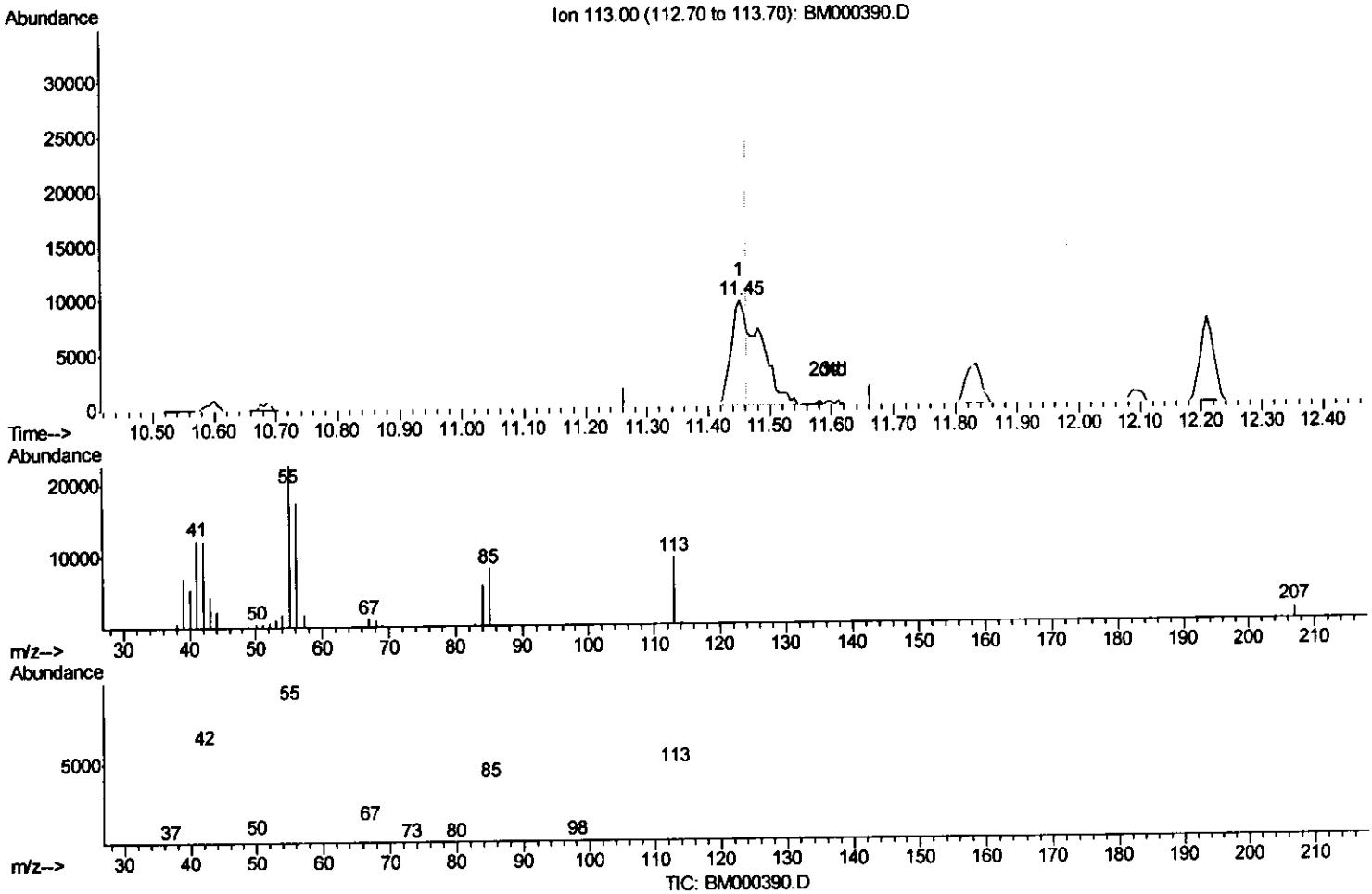

(32) Caprolactam

11.451min (-0.012) 9.22ng/ul m T. P. 2/5/15

response 32183

Ion	Exp%	Act%
113.00	100	100
55.00	218.60	233.27
56.00	186.50	181.68
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	182793	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	806046	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	618209	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1391050	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	1511982	20.00	ng/ul	0.00
83) Perylene-d12	23.59	264	1246687	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	10214	4.14	ng/uL	0.00
5) Phenol-d5	6.92	99	127255	9.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	82925	10.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	105515	9.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	107533	9.68	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	50418	9.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	53811	9.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	120041	9.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	160803	10.66	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	464025	10.02	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	548202	10.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	65231	9.24	ng/ul	0.00
57) Fluorene-d10	15.39	176	412581	10.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	65067	8.55	ng/ul	0.00
70) Anthracene-d10	17.24	188	649545	10.07	ng/ul	0.00
76) Pyrene-d10	19.54	212	732622	9.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.45	264	595766	10.03	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	14693	4.25	ng/uL#	62
4) Benzaldehyde	6.89	77	95221	11.21	ng/ul	95
6) Phenol	6.95	94	129516	9.86	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.18	93	104492	10.09	ng/ul	99
10) 2-Chlorophenol	7.32	128	106674	9.77	ng/ul	94
11) 2-Methylphenol	8.19	108	107682	9.96	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.29	45	221643	10.28	ng/ul	98
14) Acetophenone	8.57	105	200734	10.27	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.56	70	96148	10.02	ng/ul	97
16) 4-Methylphenol	8.52	108	115798	9.90	ng/ul	97
17) Hexachloroethane	8.83	117	52903	10.00	ng/ul	97
20) Nitrobenzene	8.95	77	151615	9.70	ng/ul	97
21) Isophorone	9.47	82	271324	9.77	ng/ul	97
23) 2-Nitrophenol	9.66	139	58953	9.35	ng/ul#	87
24) 2,4-Dimethylphenol	9.72	107	163161	9.97	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.96	93	151699	10.11	ng/ul	96
27) 2,4-Dichlorophenol	10.19	162	124211	9.82	ng/ul	97
28) Naphthalene	10.59	128	406187	10.08	ng/ul	98
30) 4-Chloroaniline	10.70	127	167388	10.71	ng/ul	95
31) Hexachlorobutadiene	10.88	225	102533	10.00	ng/ul	94
32) Caprolactam	11.45	113	32183m	9.22	ng/ul	
33) 4-Chloro-3-methylphenol	11.83	107	151484	9.96	ng/ul	97
34) 2-Methylnaphthalene	12.21	142	316492	10.11	ng/ul	93

T.P. 2/5/15

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	184984	9.98	ng/ul	91
37) Hexachlorocyclopentadiene	12.56	237	105370	9.15	ng/ul	92
38) 2,4,6-Trichlorophenol	12.82	196	108595	9.60	ng/ul	95
39) 2,4,5-Trichlorophenol	12.89	196	122340	9.84	ng/ul	96
40) 1,1'-Biphenyl	13.23	154	449104	10.02	ng/ul	97
41) 2-Chloronaphthalene	13.27	162	347965	9.97	ng/ul	97
42) 2-Nitroaniline	13.48	65	93963	8.43	ng/ul	91
44) Dimethylphthalate	13.86	163	475615	10.18	ng/ul#	97
45) 2,6-Dinitrotoluene	13.98	165	80842	9.46	ng/ul	96
47) Acenaphthylene	14.12	152	562100	9.99	ng/ul	99
48) 3-Nitroaniline	14.30	138	79133	9.53	ng/ul#	95
49) Acenaphthene	14.46	153	362039	9.93	ng/ul	99
50) 2,4-Dinitrophenol	14.51	184	34347	7.51	ng/ul	93
52) 4-Nitrophenol	14.61	109	108373	9.32	ng/ul	98
53) Dibenzofuran	14.80	168	549752	10.12	ng/ul	99
54) 2,4-Dinitrotoluene	14.76	165	129112	9.87	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.03	232	105150	9.56	ng/ul	97
56) Diethylphthalate	15.23	149	496537	10.08	ng/ul	99
58) Fluorene	15.45	166	454452	10.02	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.44	204	241782	10.10	ng/ul	98
60) 4-Nitroaniline	15.47	138	85448	9.65	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.53	198	68056	8.80	ng/ul#	98
64) N-Nitrosodiphenylamine	15.66	169	383594	9.87	ng/ul	99
65) 4-Bromophenyl-phenylether	16.34	248	147214	9.92	ng/ul	96
66) Hexachlorobenzene	16.46	284	171071	10.02	ng/ul	96
67) Atrazine	16.61	200	159923	10.16	ng/ul	95
68) Pentachlorophenol	16.80	266	84540	8.83	ng/ul	97
69) Phenanthrene	17.19	178	771611	10.16	ng/ul	99
71) Anthracene	17.28	178	772378	10.10	ng/ul	99
72) Carbazole	17.55	167	660963	10.08	ng/ul	99
73) Di-n-butylphthalate	18.11	149	765662	9.79	ng/ul	98
74) Fluoranthene	19.20	202	909060	10.30	ng/ul	99
77) Pyrene	19.57	202	956158	9.48	ng/ul	99
78) Butylbenzylphthalate	20.47	149	328359	9.08	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.26	252	274542	10.15	ng/ul	98
80) Benzo(a)anthracene	21.32	228	899488	10.10	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.25	149	476522	9.32	ng/ul	97
82) Chrysene	21.37	228	837396	10.10	ng/ul	99
84) Di-n-octyl phthalate	22.13	149	771451	9.24	ng/ul	100
85) Benzo(b)fluoranthene	22.91	252	786831	9.85	ng/ul	99
86) Benzo(k)fluoranthene	22.96	252	787050	10.08	ng/ul	97
88) Benzo(a)pyrene	23.50	252	729587	10.03	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.87	276	720122	9.89	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.89	278	600710	9.92	ng/ul	99
91) Benzo(g,h,i)perylene	26.57	276	593507	9.84	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed