Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM013015\
Data File : BM000404.D
Acq On : 30 Jan 2015 17:34
Operator : TP/IZ
Sample : SSTD02063
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 30 22:30:51 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 30 16:03:45 2015
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02063

Manual Integrations APPROVED
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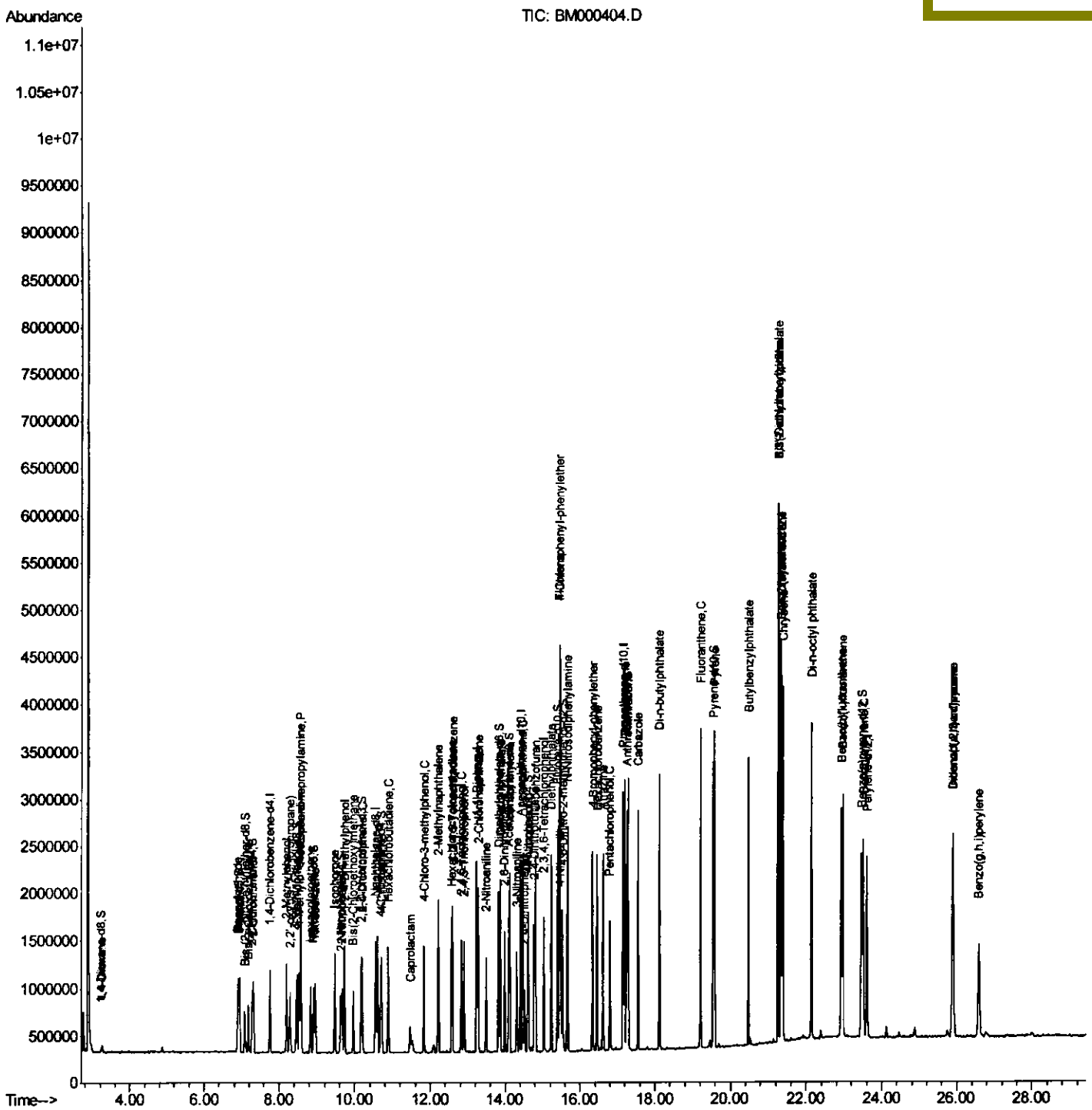

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Quant Time: Jan 30 22:26:55 2015
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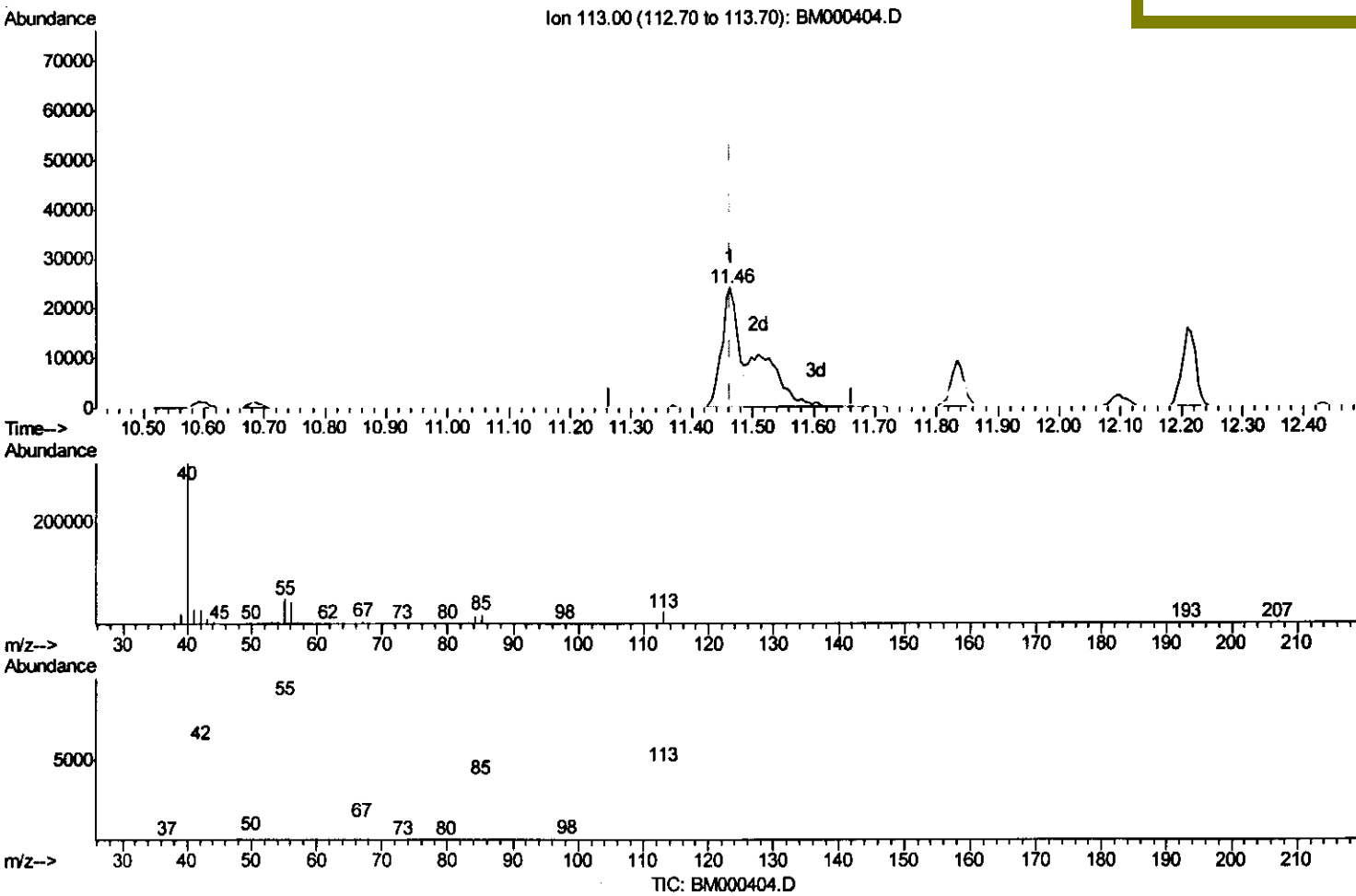

(32) Caprolactam

11.463min (-0.001) 12.09ng/ul

response 45338

Ion	Exp%	Act%
113.00	100	100
55.00	218.60	204.09
56.00	186.50	177.10
0.00	0.00	0.00

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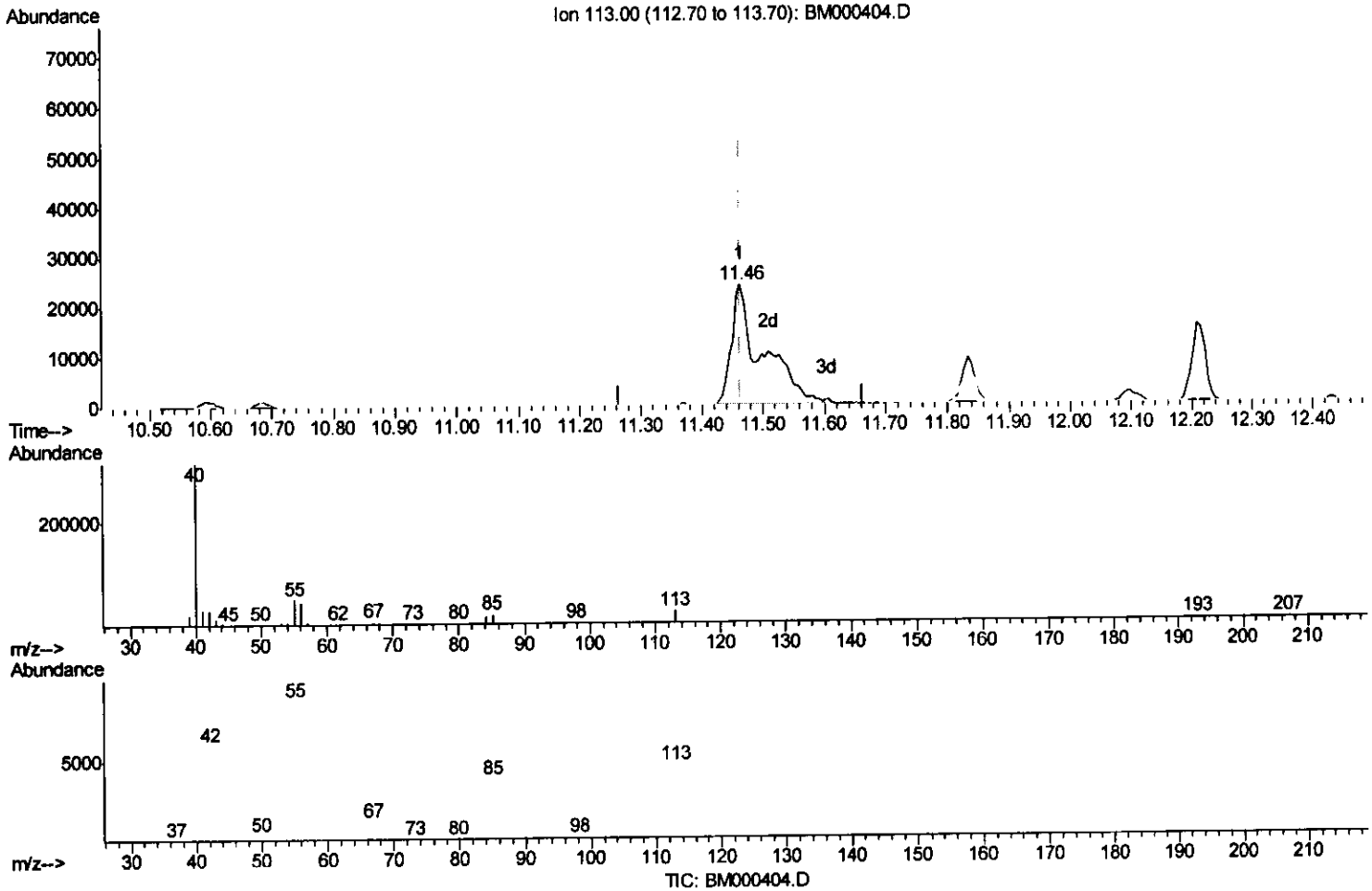

(32) Caprolactam

11.463min (-0.001) 22.22ng/ul m

response 83318

T.P. 2/5/15

Ion	Exp%	Act%
113.00	100	100
55.00	218.60	204.09
56.00	186.50	177.10
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	203286	20.00	ng/ul	0.00
18) Naphthalene-d8	10.54	136	885737	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	688630	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1554294	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	1696361	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	1432675	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	23270	8.49	ng/uL	0.00
5) Phenol-d5	6.92	99	292750	20.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	182707	20.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	239559	20.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	251217	20.33	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	120830	20.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	131915	20.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	283611	20.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	355715	21.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1025644	19.87	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1191571	19.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	163678	20.81	ng/ul	0.00
57) Fluorene-d10	15.40	176	892213	19.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	175914	20.70	ng/ul	0.00
70) Anthracene-d10	17.25	188	1435905	19.93	ng/ul	0.00
76) Pyrene-d10	19.54	212	1616815	18.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	1353904	19.84	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	29314	7.63	ng/uL#	56
4) Benzaldehyde	6.89	77	203976	21.58	ng/ul	98
6) Phenol	6.95	94	298494	20.43	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.18	93	232067	20.16	ng/ul	97
10) 2-Chlorophenol	7.32	128	252160	20.77	ng/ul	99
11) 2-Methylphenol	8.19	108	245526	20.42	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.29	45	484698	20.22	ng/ul	98
14) Acetophenone	8.57	105	434311	19.98	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.56	70	212596	19.92	ng/ul	95
16) 4-Methylphenol	8.52	108	270034	20.75	ng/ul	93
17) Hexachloroethane	8.83	117	115343	19.61	ng/ul	93
20) Nitrobenzene	8.95	77	337042	19.63	ng/ul	97
21) Isophorone	9.47	82	609277	19.97	ng/ul	97
23) 2-Nitrophenol	9.66	139	145875	21.06	ng/ul#	82
24) 2,4-Dimethylphenol	9.72	107	355288	19.76	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.96	93	327176	19.85	ng/ul	97
27) 2,4-Dichlorophenol	10.19	162	278946	20.07	ng/ul	98
28) Naphthalene	10.60	128	876443	19.80	ng/ul	99
30) 4-Chloroaniline	10.71	127	366674	21.35	ng/ul	98
31) Hexachlorobutadiene	10.88	225	219350	19.48	ng/ul	98
32) Caprolactam	11.46	113	83318m	22.22	ng/ul	
33) 4-Chloro-3-methylphenol	11.83	107	326807	19.55	ng/ul	95
34) 2-Methylnaphthalene	12.22	142	684799	19.90	ng/ul	98

TP 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	393719	19.07	ng/ul	98
37) Hexachlorocyclopentadiene	12.56	237	250080	19.50	ng/ul	98
38) 2,4,6-Trichlorophenol	12.83	196	240866	19.12	ng/ul	95
39) 2,4,5-Trichlorophenol	12.90	196	271568	19.61	ng/ul	97
40) 1,1'-Biphenyl	13.23	154	972912	19.49	ng/ul	98
41) 2-Chloronaphthalene	13.27	162	755908	19.44	ng/ul	98
42) 2-Nitroaniline	13.48	65	243620	19.61	ng/ul	99
44) Dimethylphthalate	13.86	163	1033141	19.86	ng/ul	97
45) 2,6-Dinitrotoluene	13.99	165	197201	20.72	ng/ul	93
47) Acenaphthylene	14.12	152	1236908	19.73	ng/ul	98
48) 3-Nitroaniline	14.31	138	196344	21.24	ng/ul	95
49) Acenaphthene	14.47	153	797458	19.64	ng/ul	98
50) 2,4-Dinitrophenol	14.52	184	99366	19.51	ng/ul	94
52) 4-Nitrophenol	14.62	109	254595	19.66	ng/ul	95
53) Dibenzofuran	14.80	168	1192202	19.70	ng/ul	99
54) 2,4-Dinitrotoluene	14.77	165	299815	20.57	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.03	232	247349	20.18	ng/ul	94
56) Diethylphthalate	15.23	149	1097770	20.01	ng/ul	98
58) Fluorene	15.46	166	994330	19.69	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.45	204	523408	19.62	ng/ul	96
60) 4-Nitroaniline	15.48	138	211929	21.48	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.53	198	174723	20.21	ng/ul	98
64) N-Nitrosodiphenylamine	15.66	169	854162	19.66	ng/ul	99
65) 4-Bromophenyl-phenylether	16.34	248	320511	19.33	ng/ul	97
66) Hexachlorobenzene	16.46	284	370726	19.43	ng/ul	98
67) Atrazine	16.62	200	355528	20.22	ng/ul	98
68) Pentachlorophenol	16.80	266	207861	19.43	ng/ul	95
69) Phenanthrene	17.19	178	1684953	19.86	ng/ul	99
71) Anthracene	17.28	178	1686971	19.74	ng/ul	99
72) Carbazole	17.55	167	1493484	20.39	ng/ul	100
73) Di-n-butylphthalate	18.12	149	1820872	20.84	ng/ul	99
74) Fluoranthene	19.21	202	2035774	20.64	ng/ul	99
77) Pyrene	19.57	202	2106327	18.60	ng/ul	99
78) Butylbenzylphthalate	20.48	149	824635	20.33	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.26	252	646356	21.31	ng/ul	100
80) Benzo(a)anthracene	21.33	228	1981473	19.83	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.26	149	1175506	20.48	ng/ul	96
82) Chrysene	21.38	228	1849973	19.89	ng/ul	100
84) Di-n-octyl phthalate	22.14	149	1956034	20.40	ng/ul	100
85) Benzo(b)fluoranthene	22.93	252	1807899	19.70	ng/ul	100
86) Benzo(k)fluoranthene	22.97	252	1788282	19.93	ng/ul	99
88) Benzo(a)pyrene	23.51	252	1672157	20.00	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.89	276	1662816	19.88	ng/ul	97
90) Dibenzo(a,h)anthracene	25.90	278	1394145	20.04	ng/ul	99
91) Benzo(g,h,i)perylene	26.59	276	1387389	20.02	ng/ul	98

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