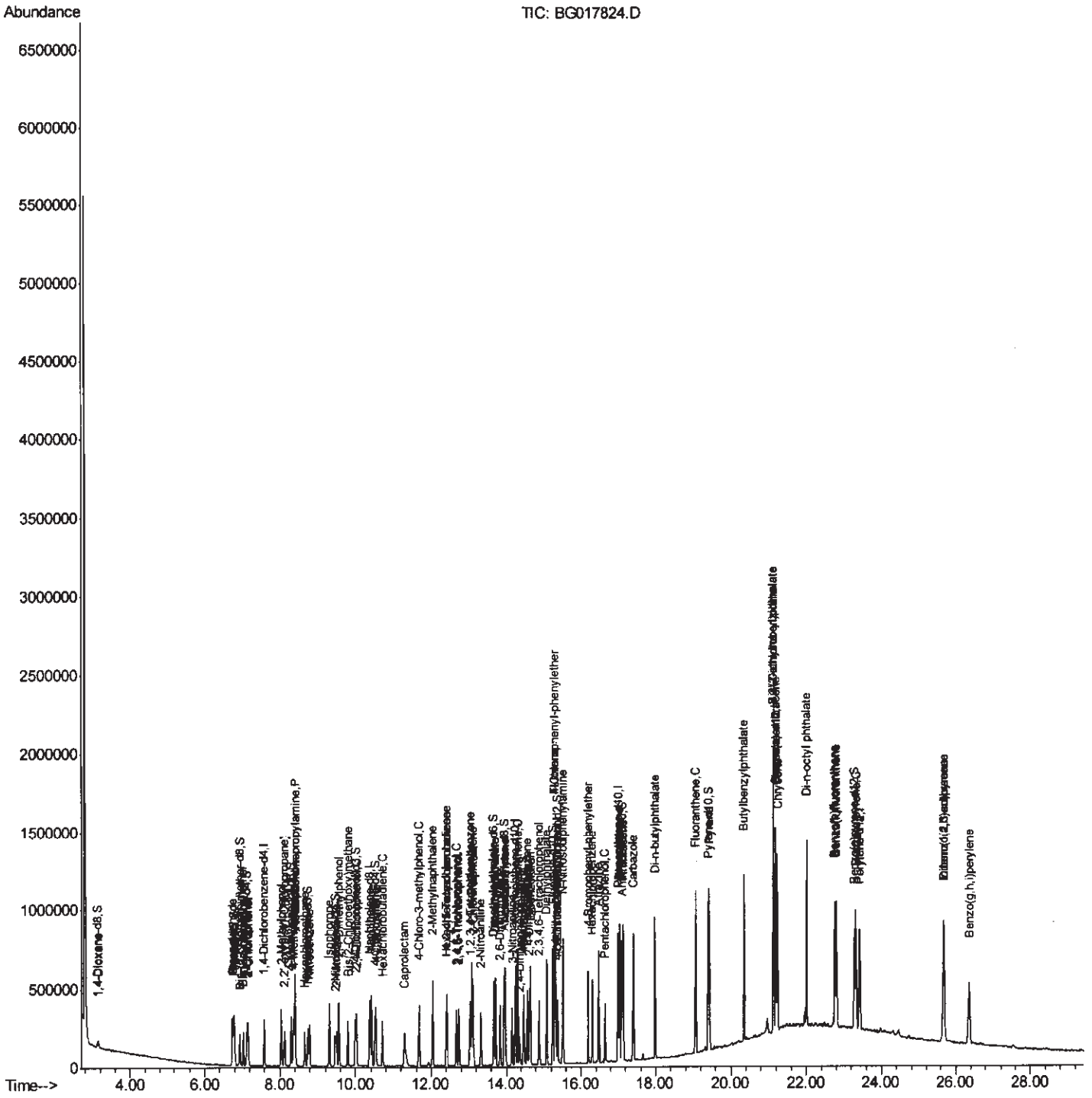
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071315\
Data File : BG017824.D
Acq On : 13 Jul 2015 12:31
Operator : TP/UM
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 14 01:19:33 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG070915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 10 23:32:40 2015
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02047

Manual Integrations APPROVED
apatel
7/15/2015 8:21:16 AM



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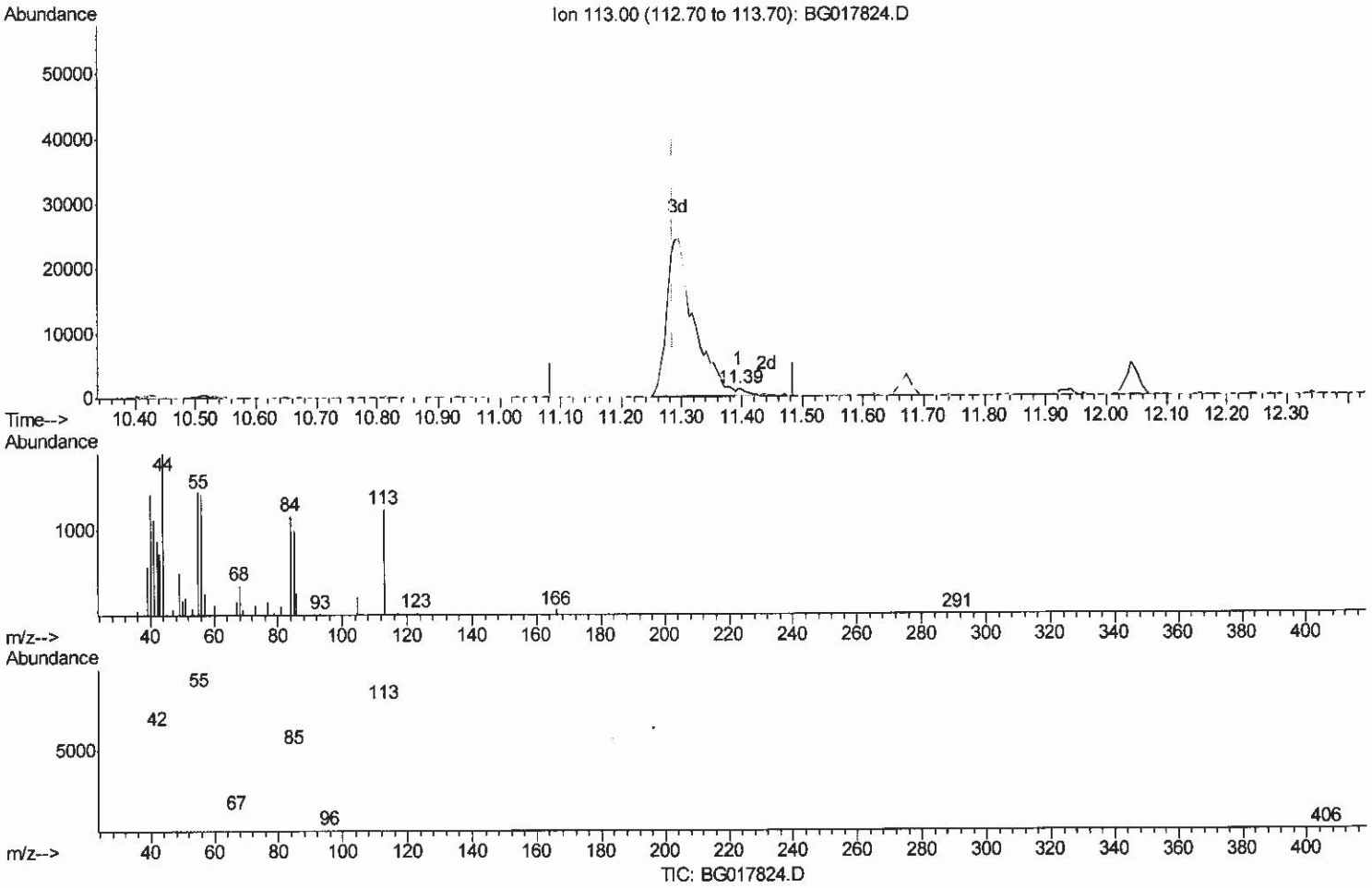

TIC: BG017824.D

(32) Caprolactam

11.394min (+0.109) 0.37ng/ul

response 1430

Ion	Exp%	Act%
113.00	100	100
55.00	122.90	114.27
56.00	100.90	112.45
0.00	0.00	0.00

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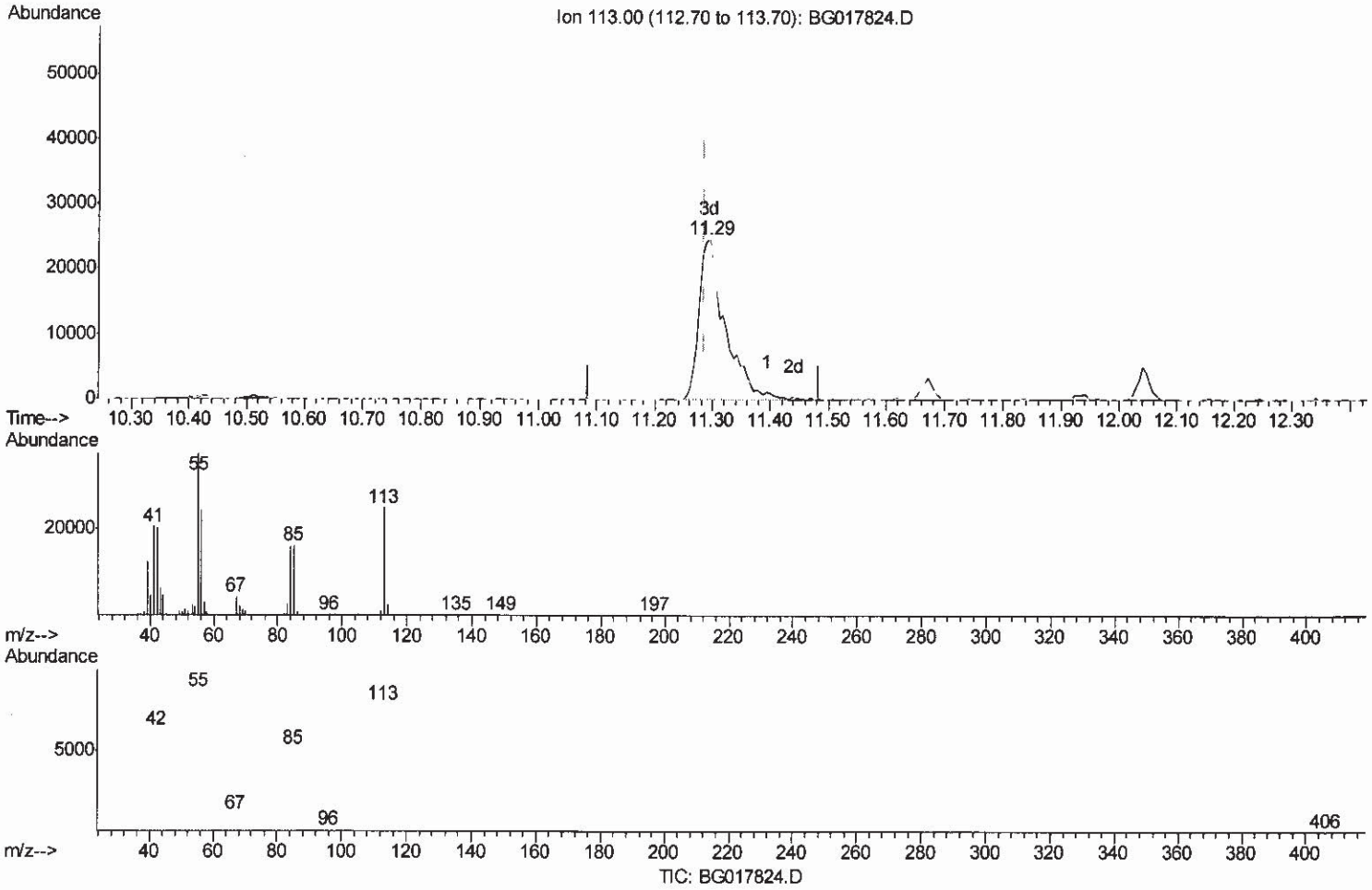

(32) Caprolactam

11.294min (+0.009) 20.55ng/ul m

response 79378

T. P
7/15/15

Ion	Exp%	Act%
113.00	100	100
55.00	122.90	150.24#
56.00	100.90	98.31
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	7.59	152	72242	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	331675	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	194200	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	409422	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	416244	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	408064	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	17334	9.67	ng/uL	0.00
5) Phenol-d5	6.77	99	143189	20.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	84806	20.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	111675	20.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	109608	18.98	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	57536	20.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	57096	20.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	95731	19.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	152054	22.32	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	308431	20.88	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	369756	20.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	61782	19.62	ng/ul	0.00
57) Fluorene-d10	15.24	176	263975	20.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	48987	19.81	ng/ul	0.00
70) Anthracene-d10	17.10	188	392295	20.49	ng/ul	0.00
78) Pyrene-d10	19.40	212	424584	21.16	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	420196	20.64	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	17479	9.23	ng/uL	98
4) Benzaldehyde	6.73	77	103750	24.80	ng/ul	98
6) Phenol	6.79	94	151328	20.39	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.02	93	114609	21.07	ng/ul	99
10) 2-Chlorophenol	7.15	128	110118	19.91	ng/ul	99
11) 2-Methylphenol	8.03	108	109962	19.49	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.13	45	171406	21.05	ng/ul	97
14) Acetophenone	8.41	105	167573	19.76	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.40	70	106009	20.16	ng/ul	98
16) 4-Methylphenol	8.36	108	122745	19.28	ng/ul	95
17) Hexachloroethane	8.66	117	46240	20.23	ng/ul	96
20) Nitrobenzene	8.78	77	142678	21.44	ng/ul	95
21) Isophorone	9.30	82	281033	21.34	ng/ul	99
23) 2-Nitrophenol	9.49	139	60837	19.97	ng/ul	94
24) 2,4-Dimethylphenol	9.56	107	131138	20.40	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.80	93	148673	21.12	ng/ul	99
27) 2,4-Dichlorophenol	10.02	162	95731	19.78	ng/ul	96
28) Naphthalene	10.42	128	355365	20.43	ng/ul	99
30) 4-Chloroaniline	10.54	127	153137	22.75	ng/ul	100
31) Hexachlorobutadiene	10.71	225	52358	20.04	ng/ul	95
32) Caprolactam	11.29	113	79378m	20.55	ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	121814	19.63	ng/ul	96
34) 2-Methylnaphthalene	12.04	142	246691	19.65	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	103695	20.67 ng/ul	97
37) Hexachlorocyclopentadiene	12.40	237	62268	21.83 ng/ul	97
38) 2,4,6-Trichlorophenol	12.66	196	69552	20.02 ng/ul	94
39) 2,4,5-Trichlorophenol	12.73	196	77258	20.37 ng/ul	92
40) 1,1'-Biphenyl	13.07	154	309747	20.74 ng/ul	98
41) 2-Chloronaphthalene	13.11	162	234340	20.70 ng/ul	96
42) 2-Nitroaniline	13.32	65	90950	21.85 ng/ul	91
44) Dimethylphthalate	13.71	163	315423	20.79 ng/ul	98
45) 2,6-Dinitrotoluene	13.83	165	66652	21.10 ng/ul	97
47) Acenaphthylene	13.96	152	401306	20.68 ng/ul	99
48) 3-Nitroaniline	14.16	138	80738	23.37 ng/ul	98
49) Acenaphthene	14.31	153	267670	20.66 ng/ul	99
50) 2,4-Dinitrophenol	14.36	184	34038	20.63 ng/ul	95
52) 4-Nitrophenol	14.47	109	53397	21.01 ng/ul	96
53) Dibenzofuran	14.65	168	357843	20.29 ng/ul	99
54) 2,4-Dinitrotoluene	14.62	165	91411	20.57 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.88	232	65364	20.47 ng/ul	98
56) Diethylphthalate	15.08	149	340209	20.91 ng/ul	98
58) Fluorene	15.30	166	314668	20.09 ng/ul	94
59) 4-Chlorophenyl-phenylether	15.30	204	142063	19.71 ng/ul#	84
60) 4-Nitroaniline	15.32	138	88988	21.94 ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.38	198	53077	20.21 ng/ul	97
64) N-Nitrosodiphenylamine	15.52	169	267611	20.91 ng/ul	98
65) 4-Bromophenyl-phenylether	16.19	248	86294	21.08 ng/ul	95
66) Hexachlorobenzene	16.30	284	86035	19.58 ng/ul#	83
67) Atrazine	16.48	200	103046	21.78 ng/ul	98
68) Pentachlorophenol	16.65	266	55955	20.53 ng/ul	99
69) Phenanthrene	17.04	178	472174	20.62 ng/ul	97
71) Anthracene	17.13	178	492754	20.95 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	103196	20.95 ng/uL	96
73) Pentachlorobenzene	14.57	250	100206	19.73 ng/uL	91
74) Carbazole	17.40	167	460914	22.09 ng/ul	99
75) Di-n-butylphthalate	17.99	149	628321	21.98 ng/ul	99
76) Fluoranthene	19.07	202	528512	22.54 ng/ul	99
79) Pyrene	19.43	202	556231	21.46 ng/ul	100
80) Butylbenzylphthalate	20.35	149	278326	22.85 ng/ul	100
81) 3,3'-Dichlorobenzidine	21.12	252	173395	23.40 ng/ul	97
82) Benzo(a)anthracene	21.18	228	491879	20.91 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	392220	23.51 ng/ul	98
84) Chrysene	21.24	228	460294	20.87 ng/ul	97
86) Di-n-octyl phthalate	22.01	149	656676	25.14 ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	488493	20.70 ng/ul	99
88) Benzo(k)fluoranthene	22.80	252	454450	20.23 ng/ul	100
90) Benzo(a)pyrene	23.32	252	465726	20.53 ng/ul	95
91) Indeno(1,2,3-cd)pyrene	25.67	276	518232	20.31 ng/ul	98
92) Dibenzo(a,h)anthracene	25.69	278	449211	20.53 ng/ul	99
93) Benzo(g,h,i)perylene	26.36	276	429107	20.29 ng/ul	96

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