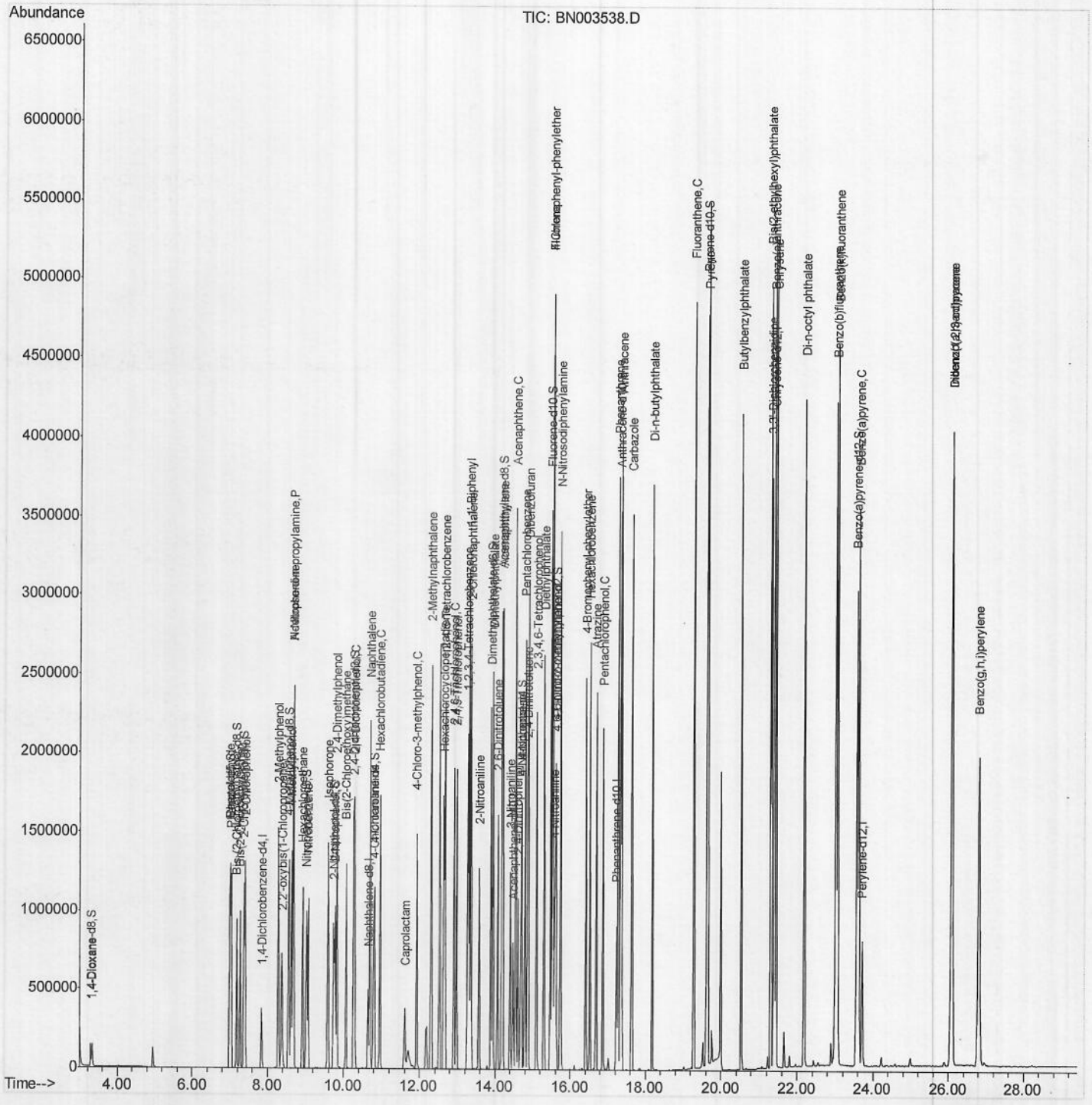
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111418\
Data File : BN003538.D
Acq On : 14 Nov 2018 21:52
Operator : MJ/SJ
Sample : SSTD08049
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 15 00:52:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 15 00:28:14 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD08049

Manual Integrations APPROVED
Sohil
11/15/2018 4:21:54 PM



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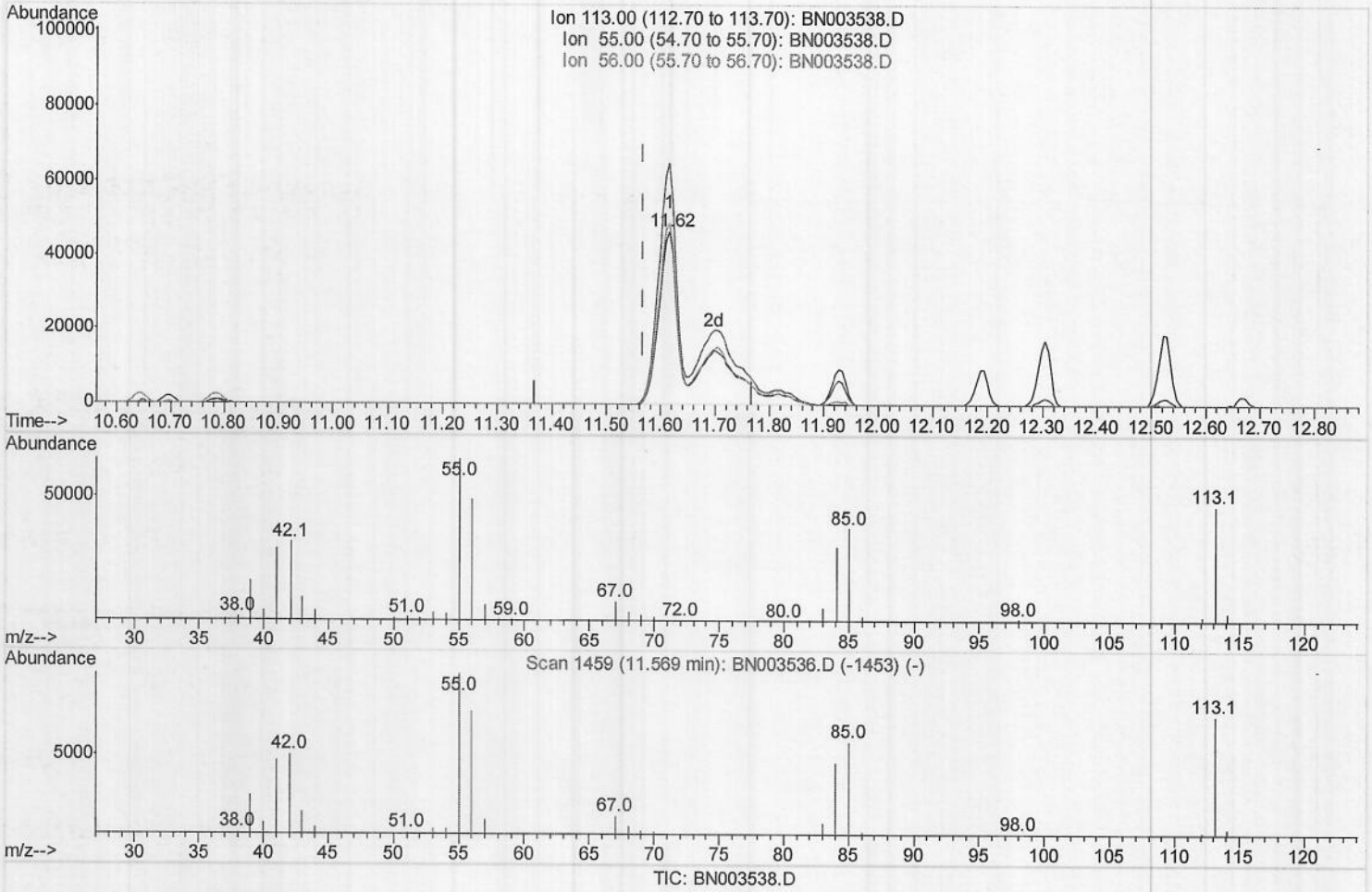

TIC: BN003538.D

(32) Caprolactam

11.616min (+0.047) 87.98ng/ul m SJ 11/16/18

response 186305

Ion	Exp%	Act%
113.00	100	100
55.00	136.30	139.96
56.00	103.60	105.29
0.00	0.00	0.00

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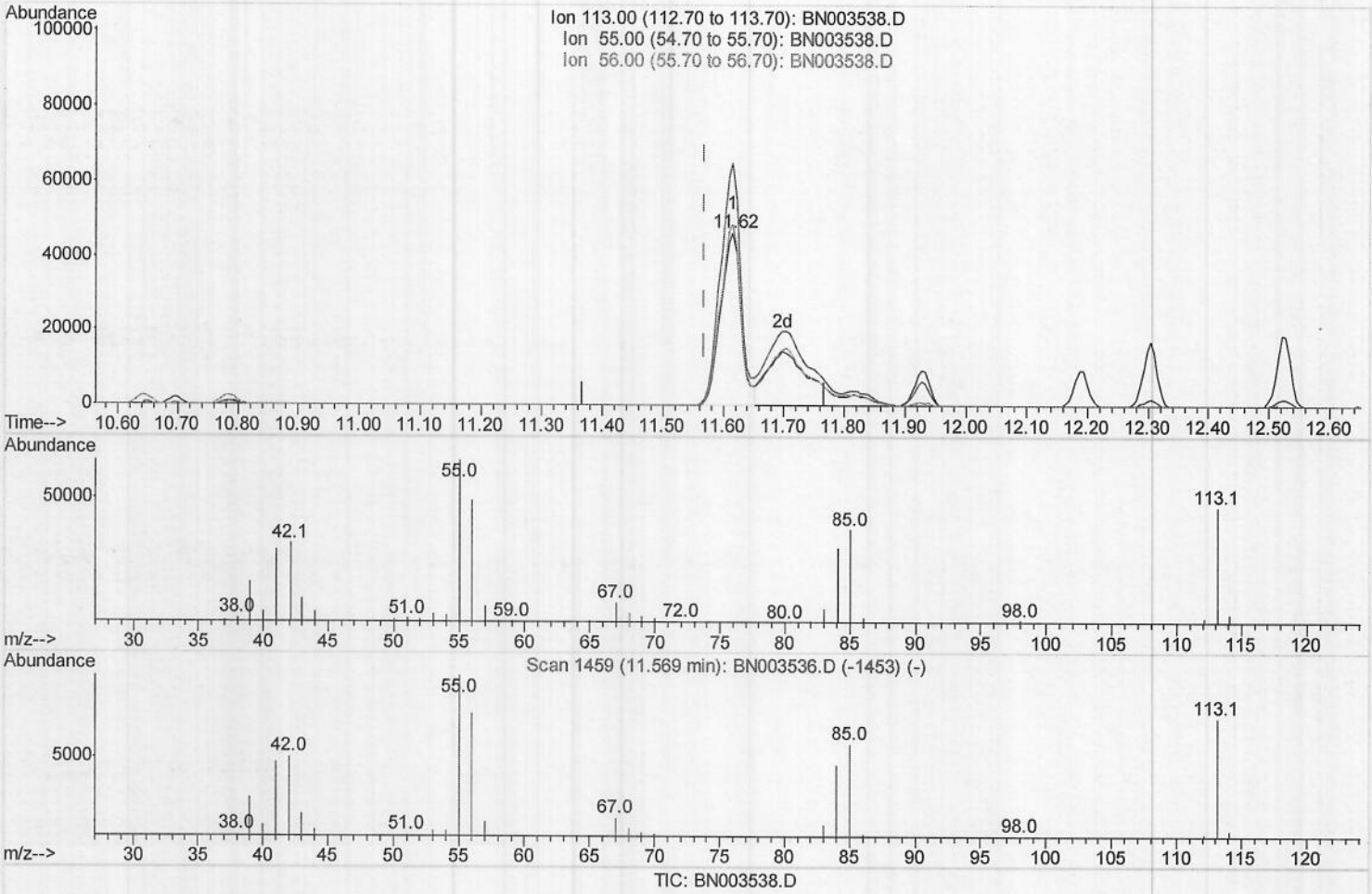

TIC: BN003538.D

(32) Caprolactam

11.616min (+0.047) 50.43ng/ul

response 106794

Ion	Exp%	Act%
113.00	100	100
55.00	136.30	139.96
56.00	103.60	105.29
0.00	0.00	0.00

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11/15/2018 4:21:54 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	106897	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	443665	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	277654	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	566544	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	612002	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	591660	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	70661	34.47	ng/uL	0.00
5) Phenol-d5	7.00	99	719389	79.05	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.18	67	404972	80.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	628599	81.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	607239	80.40	ng/ul	0.01
19) Nitrobenzene-d5	9.02	128	299374	87.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	365091	96.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	652322	88.25	ng/ul	0.01
29) 4-Chloroaniline-d4	10.79	131	538011	84.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1720941	74.94	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	2238241	77.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	369985	90.21	ng/ul	0.02
57) Fluorene-d10	15.47	176	1453302	71.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	362745	103.41	ng/ul	0.02
70) Anthracene-d10	17.33	188	2146193	77.84	ng/ul	0.00
78) Pyrene-d10	19.62	212	2622569	76.46	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.57	264	2622570	82.97	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	73874	33.002	ng/uL	99
4) Benzaldehyde	6.99	77	137881	86.207	ng/ul	97
6) Phenol	7.03	94	713315	77.444	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.28	93	549804	79.565	ng/ul	100
10) 2-Chlorophenol	7.41	128	628838	81.383	ng/ul	99
11) 2-Methylphenol	8.28	108	554408	77.983	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.38	45	712744	80.158	ng/ul	99
14) Acetophenone	8.68	105	867093	77.563	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.67	70	418950	80.357	ng/ul	98
16) 4-Methylphenol	8.62	108	619562	79.986	ng/ul	99
17) Hexachloroethane	8.92	117	222603	79.828	ng/ul	99
20) Nitrobenzene	9.06	77	589647	82.129	ng/ul	97
21) Isophorone	9.58	82	1166052	86.786	ng/ul	99
23) 2-Nitrophenol	9.76	139	375590	92.362	ng/ul	99
24) 2,4-Dimethylphenol	9.81	107	646589	83.215	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.06	93	767204	85.629	ng/ul	99
27) 2,4-Dichlorophenol	10.29	162	617241	85.750	ng/ul	99
28) Naphthalene	10.70	128	1828144	78.804	ng/ul	99
30) 4-Chloroaniline	10.81	127	543093	83.899	ng/ul	100
31) Hexachlorobutadiene	10.96	225	380057	85.636	ng/ul	99
32) Caprolactam	11.62	113	186305m)	87.981	ng/ul	) SJ 11/16/18
33) 4-Chloro-3-methylphenol	11.93	107	568432	80.929	ng/ul	99
34) 2-Methylnaphthalene	12.30	142	1250688	74.466	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	745303	77.371 ng/ul	100
37) Hexachlorocyclopentadiene	12.63	237	536078	97.903 ng/ul	99
38) 2,4,6-Trichlorophenol	12.91	196	492896	81.932 ng/ul	99
39) 2,4,5-Trichlorophenol	12.99	196	536688	81.243 ng/ul	100
40) 1,1'-Biphenyl	13.32	154	1658386	71.705 ng/ul	99
41) 2-Chloronaphthalene	13.36	162	1367556	75.129 ng/ul	99
42) 2-Nitroaniline	13.58	65	353679	84.176 ng/ul	94
44) Dimethylphthalate	13.95	163	1718127	76.889 ng/ul	100
45) 2,6-Dinitrotoluene	14.07	165	387570	85.499 ng/ul	97
47) Acenaphthylene	14.21	152	2008003	73.988 ng/ul	99
48) 3-Nitroaniline	14.40	138	359097	82.650 ng/ul	97
49) Acenaphthene	14.55	153	1476428	76.537 ng/ul	100
50) 2,4-Dinitrophenol	14.60	184	274380	116.566 ng/ul	97
52) 4-Nitrophenol	14.71	109	228839	88.850 ng/ul	98
53) Dibenzofuran	14.89	168	2029492	74.137 ng/ul	99
54) 2,4-Dinitrotoluene	14.86	165	555308	85.037 ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.10	232	469990	83.167 ng/ul	98
56) Diethylphthalate	15.30	149	1663372	76.535 ng/ul	98
58) Fluorene	15.53	166	1558834	71.024 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.52	204	832157	72.036 ng/ul	97
60) 4-Nitroaniline	15.58	138	394283	83.482 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.62	198	361951	100.353 ng/ul	98
64) N-Nitrosodiphenylamine	15.74	169	1391744	79.497 ng/ul	99
65) 4-Bromophenyl-phenylether	16.42	248	552262	79.492 ng/ul	97
66) Hexachlorobenzene	16.52	284	636293	77.941 ng/ul	99
67) Atrazine	16.69	200	505266	83.111 ng/ul	99
68) Pentachlorophenol	16.87	266	413941	92.384 ng/ul	99
69) Phenanthrene	17.27	178	2401932	76.056 ng/ul	99
71) Anthracene	17.36	178	2452803	76.877 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.28	216	714126	81.359 ng/uL	99
73) Pentachlorobenzene	14.80	250	769071	83.008 ng/uL	99
74) Carbazole	17.63	167	2363918	88.244 ng/ul	99
75) Di-n-butylphthalate	18.18	149	2816293	88.054 ng/ul	100
76) Fluoranthene	19.28	202	2995034	88.641 ng/ul	99
79) Pyrene	19.65	202	3126171	73.650 ng/ul	100
80) Butylbenzylphthalate	20.53	149	1328447	83.913 ng/ul	94
81) 3,3'-Dichlorobenzidine	21.32	252	1118721	91.049 ng/ul	99
82) Benzo(a)anthracene	21.39	228	2901862	78.051 ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.30	149	1867660	82.378 ng/ul#	97
84) Chrysene	21.44	228	2704362	77.318 ng/ul	98
86) Di-n-octyl phthalate	22.20	149	3059470	78.313 ng/ul	98
87) Benzo(b)fluoranthene	23.02	252	3315265	93.360 ng/ul	99
88) Benzo(k)fluoranthene	23.07	252	3008434	86.083 ng/ul	99
90) Benzo(a)pyrene	23.63	252	2712258	79.898 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	26.09	276	2981402	73.674 ng/ul	96
92) Dibenzo(a,h)anthracene	26.10	278	2554858	75.411 ng/ul	99
93) Benzo(g,h,i)perylene	26.82	276	2588572	77.488 ng/ul	100

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