

Instrument :
BNA_M
LabSampleId :
SSTD02015

Sohil
1/10/2018 5:55:21 PM

The chromatogram displays a series of peaks corresponding to different chemical compounds. The y-axis represents Abundance, ranging from 0 to 2,500,000. The x-axis represents Time in minutes, ranging from 4.00 to 28.00. The following table lists the compounds identified in the chromatogram, along with their approximate retention times and relative abundances.

Compound	Approx. Retention Time (min)	Approx. Relative Abundance
1,4-Dioxane-9,8-S	4.5	100,000
Benzene	6.5	350,000
1,4-Dichlorobenzene-d4, I	7.5	400,000
2,2-Dimethylpropane	8.5	300,000
Nitrobenzene	9.5	350,000
Isodurene	10.5	300,000
Bis(2-chlorophenyl)methane	11.5	350,000
4-Chlorobenzene-d4, I	12.5	300,000
Hexachlorobutadiene, C	13.5	350,000
Caprolactam	14.5	300,000
4-Chloro-3-methylphenol, C	15.5	350,000
2-Methylphthalene	16.5	300,000
Hexachlorocyclopentadiene, C	17.5	350,000
2,4-Dichlorobenzene	18.5	300,000
2-Chloro-4-nitrophenol	19.5	350,000
2-Nitroaniline	20.5	300,000
2,4-Dichlorobenzene-d4, S	21.5	350,000
Acetophenone	22.5	300,000
2,3,4,5-Tetrachlorobenzene	23.5	350,000
2,3,4,5-Tetrachlorobenzene-d4, S	24.5	300,000
2,3,4,5-Tetrachlorobenzene-d4, S	25.5	350,000
2,3,4,5-Tetrachlorobenzene-d4, S	26.5	300,000
2,3,4,5-Tetrachlorobenzene-d4, S	27.5	350,000
2,3,4,5-Tetrachlorobenzene-d4, S	28.5	300,000
2,3,4,5-Tetrachlorobenzene-d4, S	29.5	350,000
2,3,4,5-Tetrachlorobenzene-d4, S	30.5	300,000
2,3,4,5-Tetrachlorobenzene-d4, S	31.5	350,000
2,3,4,5-Tetrachlorobenzene-d4, S	32.5	300,000
2,3,4,5-Tetrachlorobenzene-d4, S	33.5	350,000
2,3,4,5-Tetrachlorobenzene-d4, S	34.5	300,000
2,3,4,5-Tetrachlorobenzene-d4, S	35.5	350,000
2,3,4,5-Tetrachlorobenzene-d4, S	36.5	300,000
2,3,4,5-Tetrachlorobenzene-d4, S	37.5	350,000
2,3,4,5-Tetrachlorobenzene-d4, S	38.5	300,000
2,3,4,5-Tetrachlorobenzene-d4, S	39.5	350,000
2,3,4,5-Tetrachlorobenzene-d4, S	40.5	300,000
2,3,4,5-Tetrachlorobenzene-d4, S	41.5	350,000
2,3,4,5-Tetrachlorobenzene-d4, S	42.5	300,000
2,3,4,5-Tetrachlorobenzene-d4, S	43.5	350,000
2,3,4,5-Tetrachlorobenzene-d4, S	44.5	300,000
2,3,4,5-Tetrachlorobenzene-d4, S	45.5	350,000
2,3,4,5-Tetrachlorobenzene-d4, S	46.5	300,000
2,3,4,5-Tetrachlorobenzene-d4, S	47.5	350,000
2,3,4,5-Tetrachlorobenzene-d4, S	48.5	300,000
2,3,4,5-Tetrachlorobenzene-d4, S	49.5	350,000
2,3,4,5-Tetrachlorobenzene-d4, S	50.5	300,000
2,3,4,5-Tetrachlorobenzene-d4, S	51.5	350,000
2,3,4,5-Tetrachlorobenzene-d4, S	52.5	300,000
2,3,4,5-Tetrachlorobenzene-d4, S	53.5	350,000
2,3,4,5-Tetrachlorobenzene-d4, S	54.5	300,000
2,3,4,5-Tetrachlorobenzene-d4, S	55.5	350,000
2,3,4,5-Tetrachlorobenzene-d4, S	56.5	300,000
2,3,4,5-Tetrachlorobenzene-d4, S	57.5	350,000
2,3,4,5-Tetrachlorobenzene-d4, S	58.5	300,000
2,3,4,5-Tetrachlorobenzene-d4, S	59.5	350,000
2,3,4,5-Tetrachlorobenzene-d4, S	60.5	300,000
2,3,4,5-Tetrachlorobenzene-d4, S	61.5	350,000
2,3,4,5-Tetrachlorobenzene-d4, S	62.5	300,000
2,3,4,5-Tetrachlorobenzene-d4, S	63.5	350,000
2,3,4,5-Tetrachlorobenzene-d4, S	64.5	300,000
2,3,4,5-Tetrachlorobenzene-d4, S	65.5	350,000
2,3,4,5-Tetrachlorobenzene-d4, S	66.5	300,000
2,3,4,5-Tetrachlorobenzene-d4, S	67.5	350,000
2,3,4,5-Tetrachlorobenzene-d4, S	68.5	300,000
2,3,4,5-Tetrachlorobenzene-d4, S	69.5	350,000
2,3,4,5-Tetrachlorobenzene-d4, S	70.5	300,000
2,3,4,5-Tetrachlorobenzene-d4, S	71.5	350,000
2,3,4,5-Tetrachlorobenzene-d4, S	72.5	300,000
2,3,4,5-Tetrachlorobenzene-d4, S	73.5	350,000
2,3,4,5-Tetrachlorobenzene-d4, S	74.5	300,000
2,3,4,5-Tetrachlorobenzene-d4, S	75.5	350,000
2,3,4,5-Tetrachlorobenzene-d4, S	76.5	300,000
2,3,4,5-Tetrachlorobenzene-d4, S	77.5	350,000
2,3,4,5-Tetrachlorobenzene-d4, S	78.5	300,000
2,3,4,5-Tetrachlorobenzene-d4, S	79.5	350,000
2,3,4,5-Tetrachlorobenzene-d4, S	80.5	300,000
2,3		

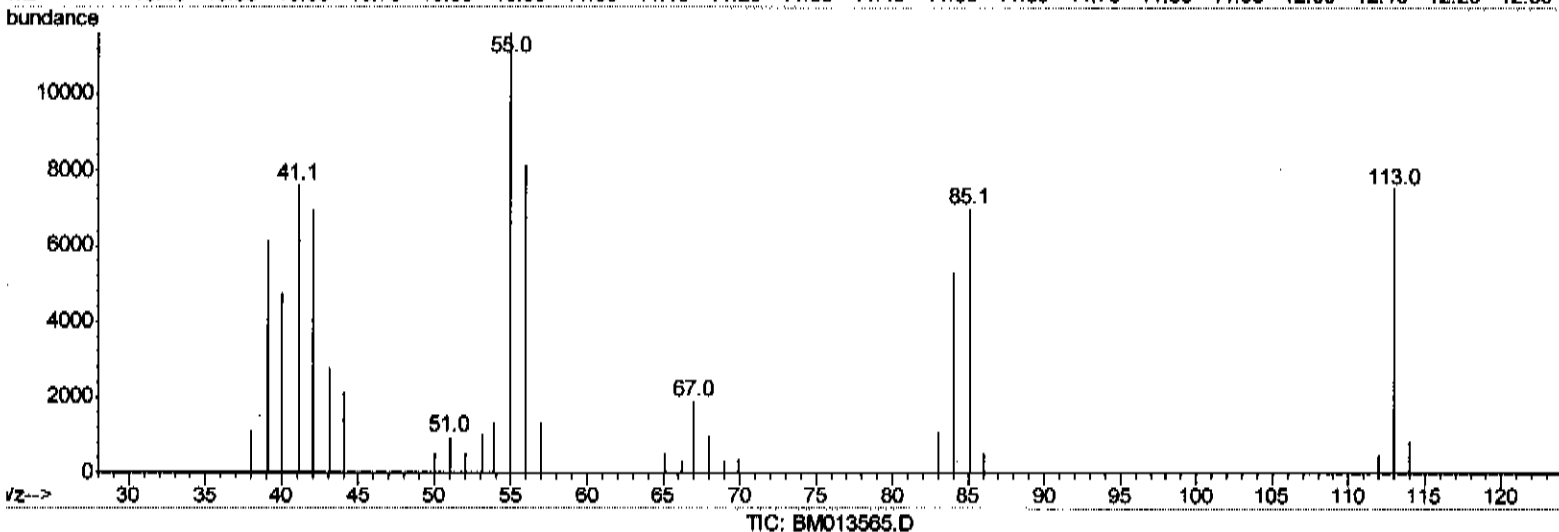
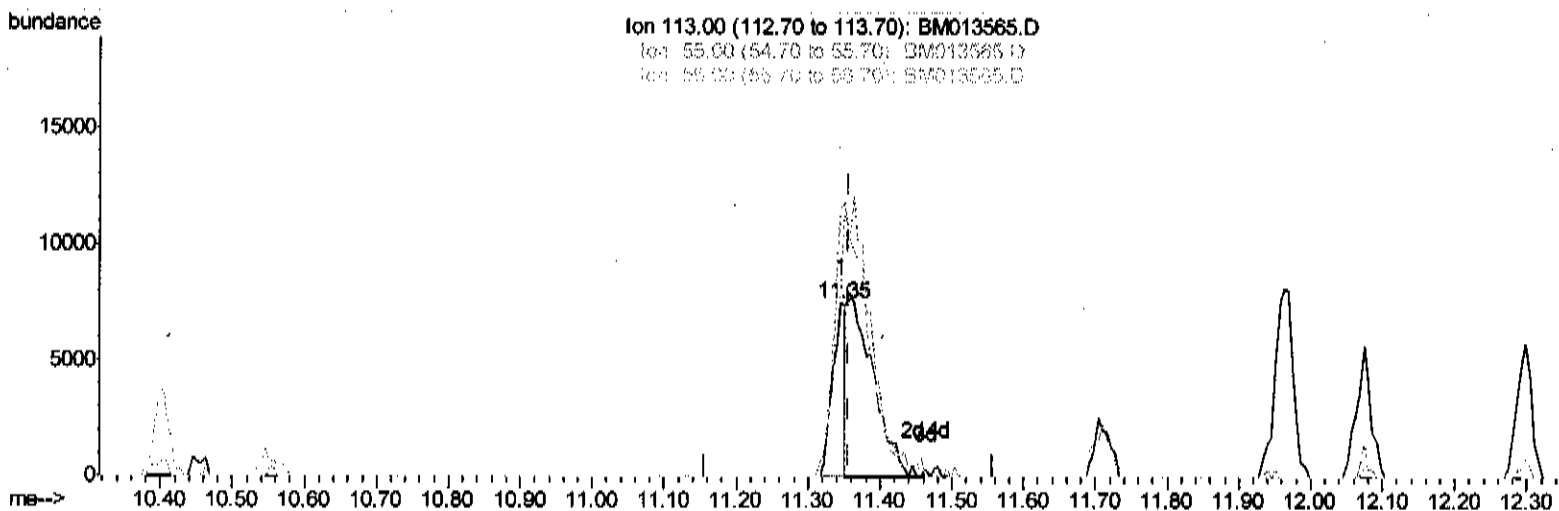
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 Data File : BM013565.D
 Acq On : 10 Jan 2018 14:55
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampled :
 SSTD02015

Manual Integrations
 APPROVED

Sohil
 1/10/2018 5:55:21 PM

Quant Time: Jan 10 15:33:34 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 10 13:12:38 2018
 Response via : Initial Calibration



(32) Caprolactam

11.345min (-0.012) 6.59ng/ul

response 9934

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	154.60#
56.00	200.00	107.81#
0.00	0.00	0.00

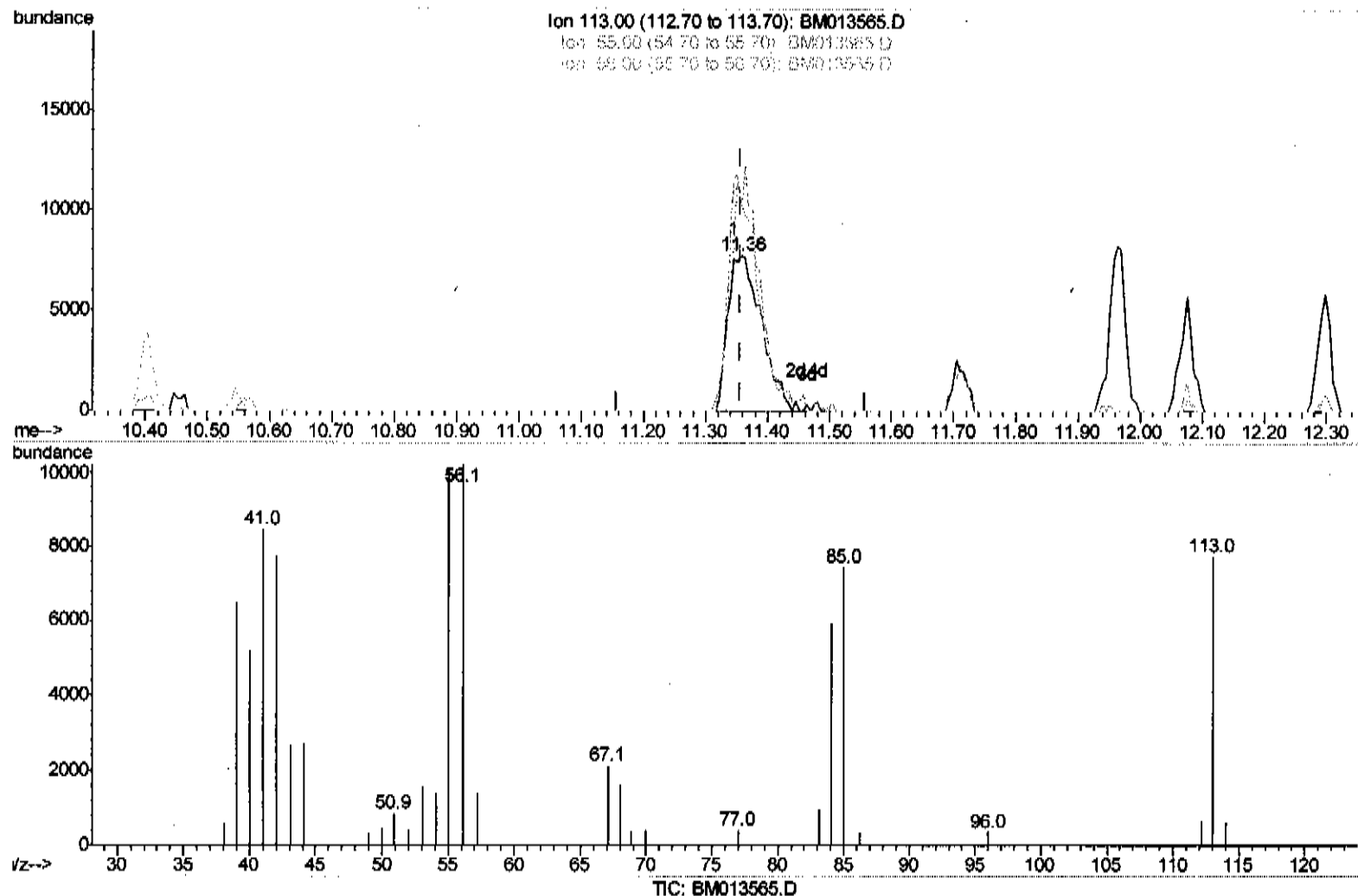
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(32) Caprolactam

11.357min (-0.000) 19.22ng/ul m

response 28972

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	131.52#
56.00	200.00	132.15#
0.00	0.00	0.00

SJ 01/17/18

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	90338	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	354980	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	218732	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	543950	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	652859	20.00	ng/ul	0.00
83) Perylene-d12	23.43	264	654730	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.17	96	19457	8.51	ng/uL	0.00
5) Phenol-d5	6.81	99	131540	18.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	84909	20.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	115523	20.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	104707	19.64	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	56335	20.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	57471	19.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	115459	20.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	90680	18.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	361348	20.04	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	461581	20.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	56151	19.17	ng/ul	0.00
57) Fluorene-d10	15.27	176	324986	20.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	60097	18.36	ng/ul	0.00
70) Anthracene-d10	17.13	188	531372	20.06	ng/ul	0.00
76) Pyrene-d10	19.43	212	592952	19.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.29	264	607358	20.18	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) 1,4-Dioxane	3.20	88	21554	8.608	ng/uL#	59
4) Benzaldehyde	6.78	77	105631	22.009	ng/ul	93
6) Phenol	6.83	94	136674	19.648	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.06	93	106708	19.604	ng/ul	94
10) 2-Chlorophenol	7.19	128	115451	20.499	ng/ul	95
11) 2-Methylphenol	8.07	108	97890	19.091	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.16	45	107680	19.442	ng/ul#	76
14) Acetophenone	8.45	105	172810	19.587	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.43	70	88159	20.482	ng/ul#	74
16) 4-Methylphenol	8.40	108	108948	19.872	ng/ul	97
17) Hexachloroethane	8.69	117	55495	20.243	ng/ul#	72
20) Nitrobenzene	8.82	77	140706	19.774	ng/ul	97
21) Isophorone	9.35	82	225972	19.655	ng/ul	96
23) 2-Nitrophenol	9.53	139	62879	20.730	ng/ul#	84
24) 2,4-Dimethylphenol	9.60	107	130878	20.466	ng/ul#	90
25) Bis(2-Chloroethoxy)methane	9.83	93	140037	19.980	ng/ul	97
27) 2,4-Dichlorophenol	10.06	162	108350	19.996	ng/ul#	91
28) Naphthalene	10.45	128	356697	20.198	ng/ul	97
30) 4-Chloroaniline	10.57	127	90568	18.723	ng/ul	98
31) Hexachlorobutadiene	10.73	225	91876	20.656	ng/ul	93
32) Caprolactam	11.36	113	28972m	19.219	ng/ul	96
33) 4-Chloro-3-methylphenol	11.70	107	107824	19.629	ng/ul	96
34) 2-Methylnaphthalene	12.07	142	264544	20.092	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.45	216	159425	19.670	ng/ul#	95
37) Hexachlorocyclopentadiene	12.42	237	64581	19.193	ng/ul	94
38) 2,4,6-Trichlorophenol	12.70	196	95268	20.307	ng/ul	91
39) 2,4,5-Trichlorophenol	12.77	196	100581	20.604	ng/ul	96
40) 1,1'-Biphenyl	13.10	154	358505	19.690	ng/ul	99
41) 2-Chloronaphthalene	13.14	162	285321	20.047	ng/ul	97
42) 2-Nitroaniline	13.36	65	77519	19.745	ng/ul	98
44) Dimethylphthalate	13.74	163	349324	19.708	ng/ul	99
45) 2,6-Dinitrotoluene	13.86	165	68143	19.839	ng/ul#	93
47) Acenaphthylene	14.00	152	423403	20.130	ng/ul	100
48) 3-Nitroaniline	14.19	138	48652	18.011	ng/ul	97
49) Acenaphthene	14.34	153	292891	20.106	ng/ul	97
50) 2,4-Dinitrophenol	14.41	184	33065	16.793	ng/ul#	87
52) 4-Nitrophenol	14.52	109	60060	20.181	ng/ul#	82
53) Dibenzofuran	14.68	168	442888	20.210	ng/ul	99
54) 2,4-Dinitrotoluene	14.66	165	106498	21.270	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.91	232	95585	20.817	ng/ul#	90
56) Diethylphthalate	15.12	149	362589	20.327	ng/ul	94
58) Fluorene	15.33	166	362082	20.170	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.33	204	202688	20.896	ng/ul	94
60) 4-Nitroaniline	15.36	138	70808	22.403	ng/ul	86
63) 4,6-Dinitro-2-methylphenol	15.42	198	62480	18.079	ng/ul	97
64) N-Nitrosodiphenylamine	15.54	169	310727	19.423	ng/ul	99
65) 4-Bromophenyl-phenylether	16.22	248	127820	19.895	ng/ul#	89
66) Hexachlorobenzene	16.33	284	134961	19.516	ng/ul#	90
67) Atrazine	16.50	200	127344	19.944	ng/ul	96
68) Pentachlorophenol	16.69	266	67561	18.385	ng/ul	91
69) Phenanthrene	17.07	178	609861	20.170	ng/ul	99
71) Anthracene	17.16	178	616949	19.782	ng/ul	99
72) Carbazole	17.43	167	518112	20.126	ng/ul	100
73) Di-n-butylphthalate	18.00	149	617275	20.388	ng/ul	98
74) Fluoranthene	19.09	202	728667	20.189	ng/ul#	94
77) Pyrene	19.46	202	776268	19.559	ng/ul#	94
78) Butylbenzylphthalate	20.37	149	278554	19.924	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.14	252	200420	18.557	ng/ul	89
80) Benzo(a)anthracene	21.21	228	788946	19.999	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.14	149	409226	19.509	ng/ul#	98
82) Chrysene	21.26	228	717298	19.820	ng/ul	98
84) Di-n-octyl phthalate	22.02	149	714733	18.114	ng/ul	99
85) Benzo(b)fluoranthene	22.77	252	840717	20.909	ng/ul#	98
86) Benzo(k)fluoranthene	22.81	252	744540	19.157	ng/ul#	98
88) Benzo(a)pyrene	23.33	252	775273	20.410	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.63	276	891414	19.881	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.64	278	770427	20.347	ng/ul#	97
91) Benzo(g,h,i)perylene	26.30	276	731504	19.822	ng/ul#	94

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